



## Appendix F

### RF Test Data for 5.8GWIFI (Conducted Measurement)

Product Name: fixed wireless phone

Test Model: F151

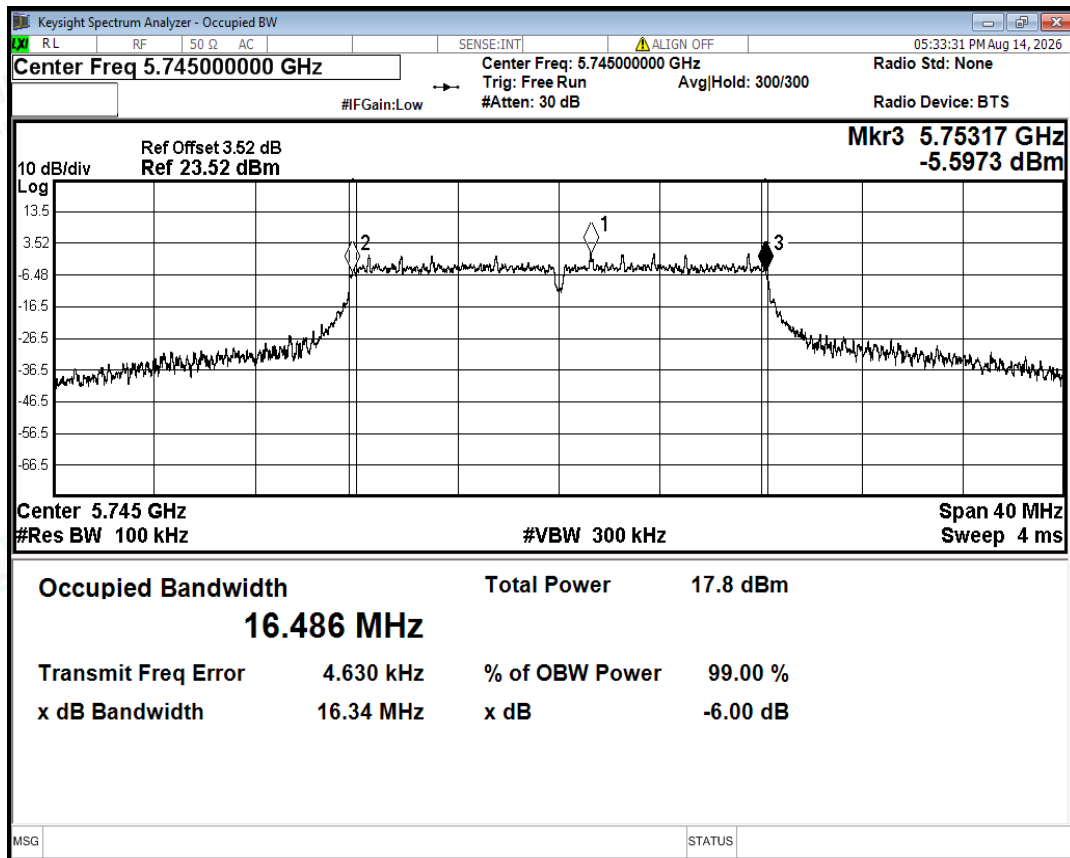
#### Environmental Conditions

|                    |           |
|--------------------|-----------|
| Temperature:       | 24.3°C    |
| Relative Humidity: | 55.6%     |
| ATM Pressure:      | 100.0 kPa |
| Test Engineer:     | Jerry Chu |
| Supervised by:     | Can Kun   |

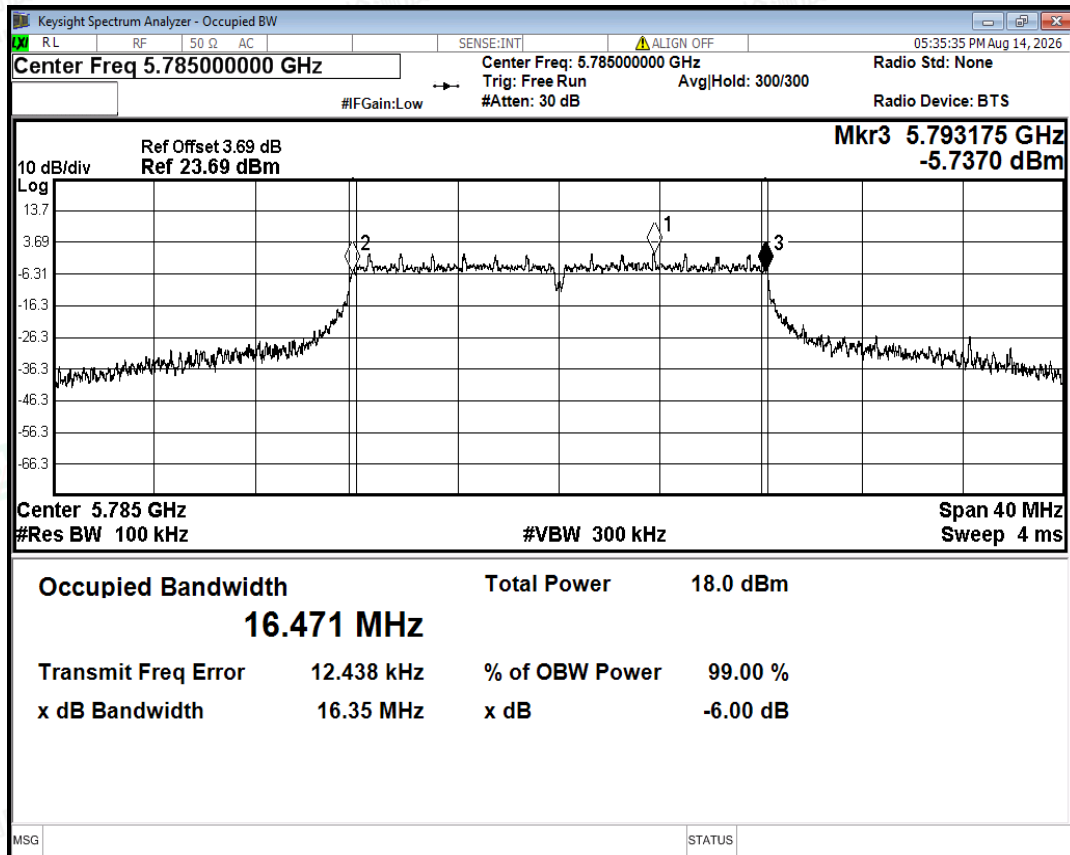


## F.1 -6dB Bandwidth

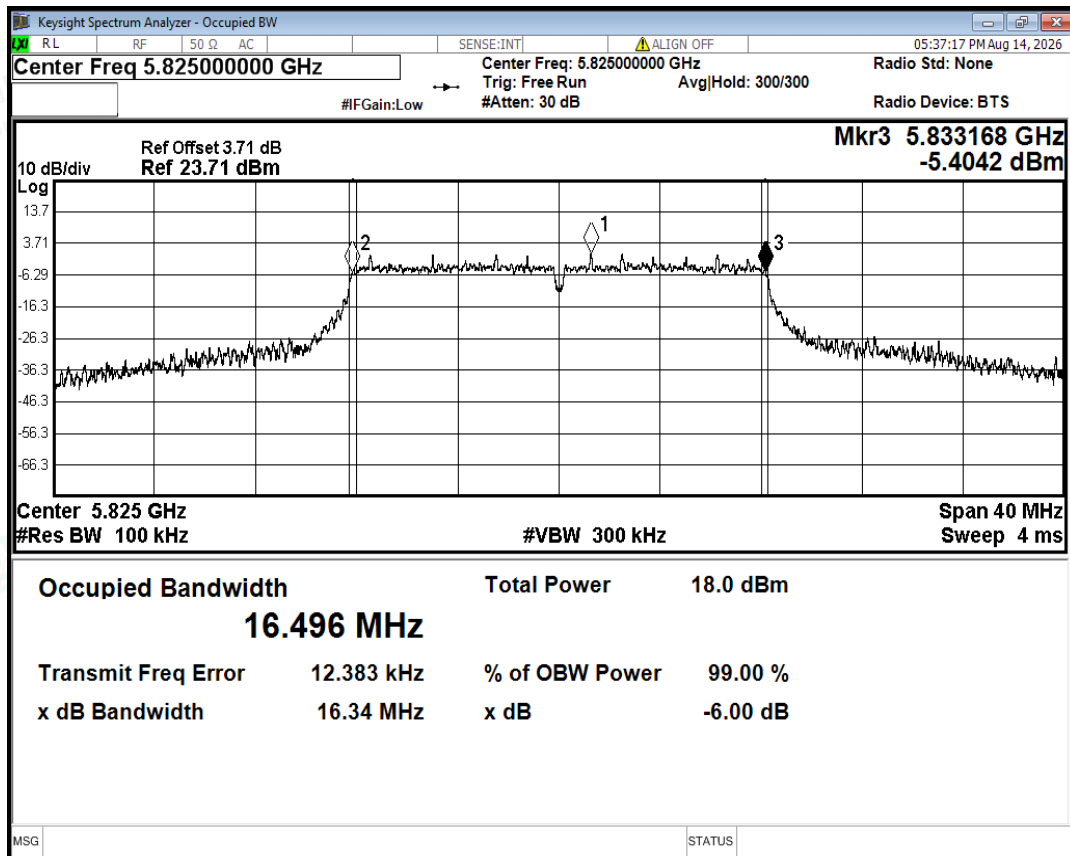
| Condition | Mode | Frequency (MHz) | Antenna | -6 dB Bandwidth (MHz) | Limit -6 dB Bandwidth (MHz) | Verdict |
|-----------|------|-----------------|---------|-----------------------|-----------------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 16.34                 | 0.5                         | Pass    |
| NVNT      | a    | 5785            | Ant1    | 16.35                 | 0.5                         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 16.34                 | 0.5                         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 17.25                 | 0.5                         | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 17.26                 | 0.5                         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 17.38                 | 0.5                         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 35.76                 | 0.5                         | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 35.75                 | 0.5                         | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 17.4                  | 0.5                         | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 17.4                  | 0.5                         | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 17.31                 | 0.5                         | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 35.75                 | 0.5                         | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 35.62                 | 0.5                         | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 75.76                 | 0.5                         | Pass    |



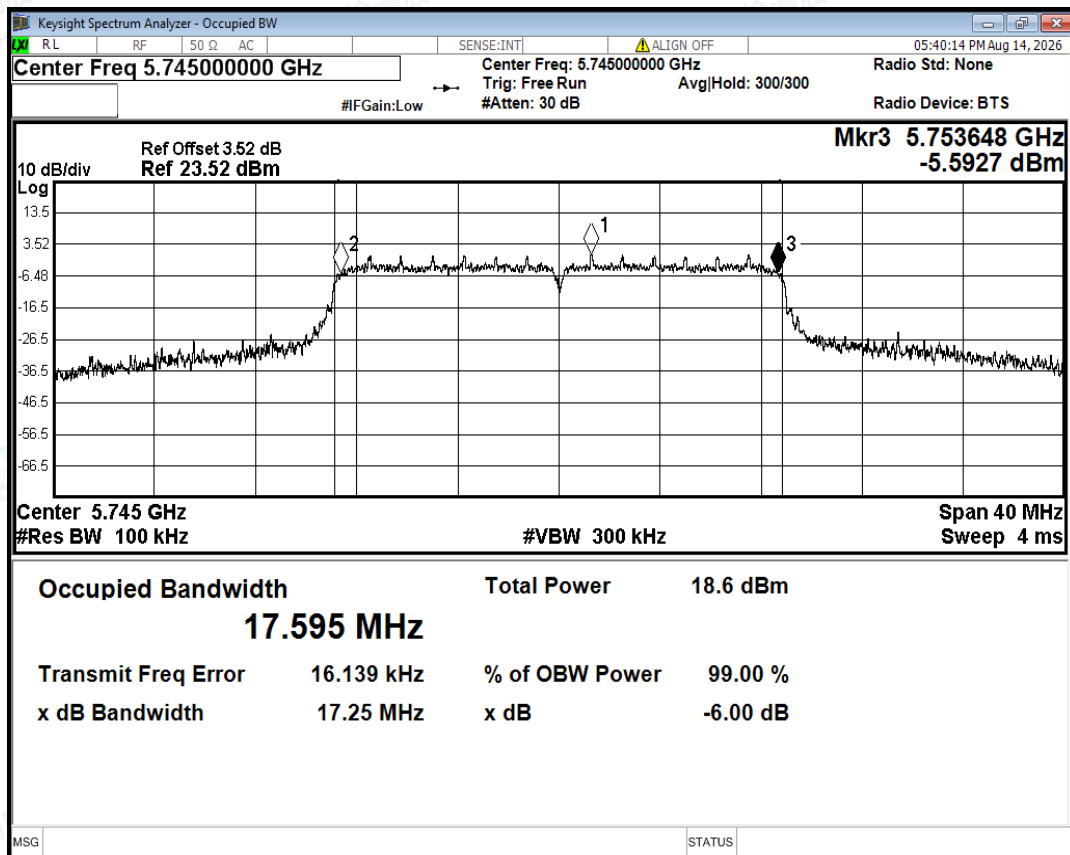
-6dB Bandwidth NVNT a 5745MHz Ant1



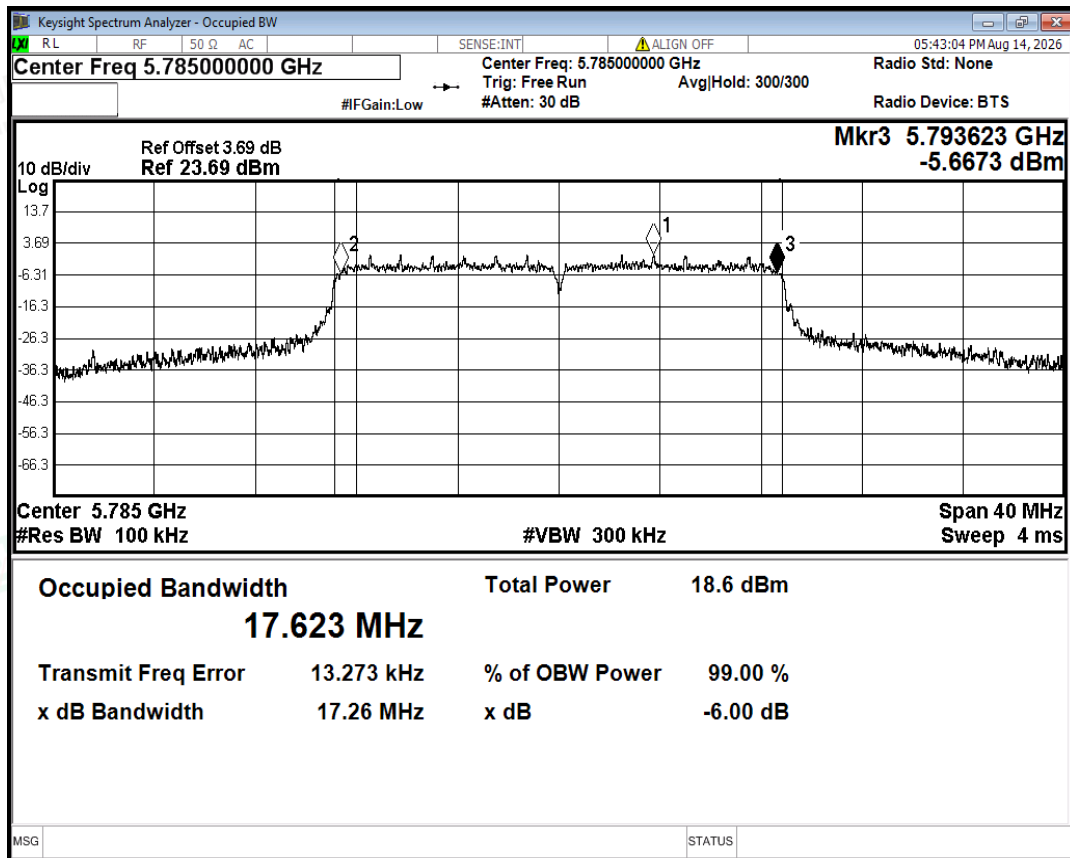
-6dB Bandwidth NVNT a 5785MHz Ant1



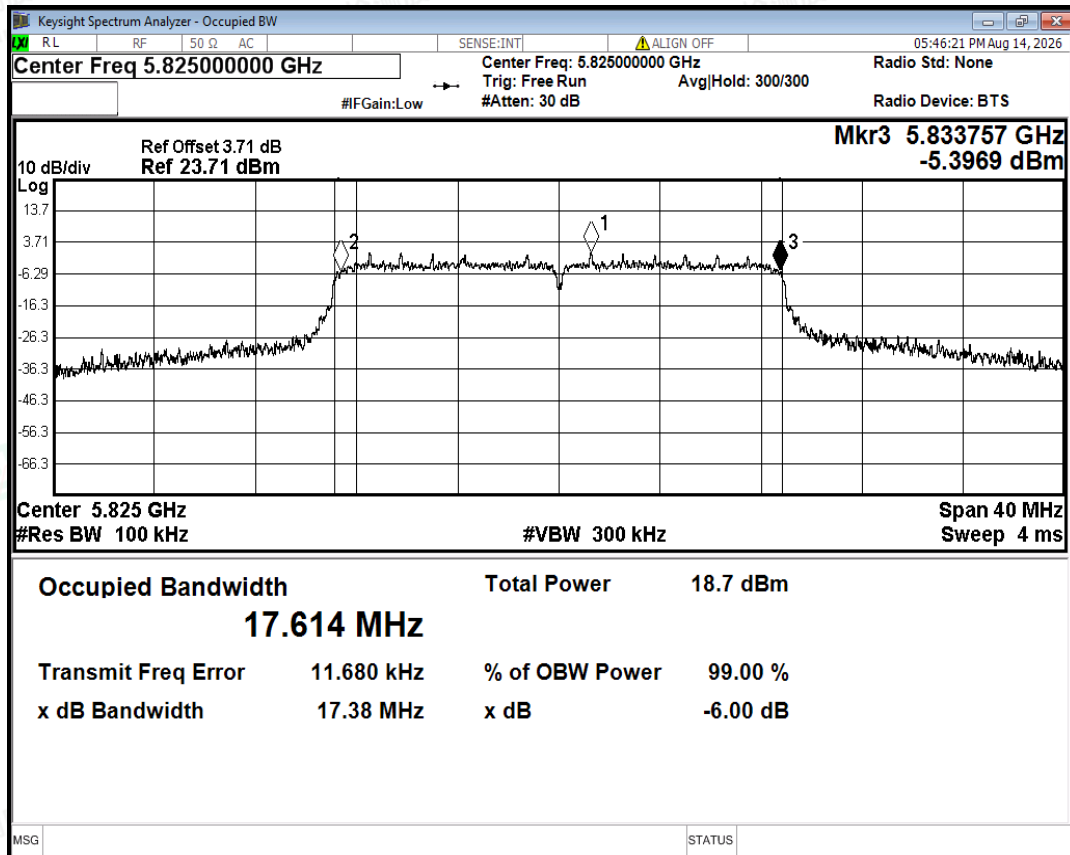
-6dB Bandwidth NVNT a 5825MHz Ant1



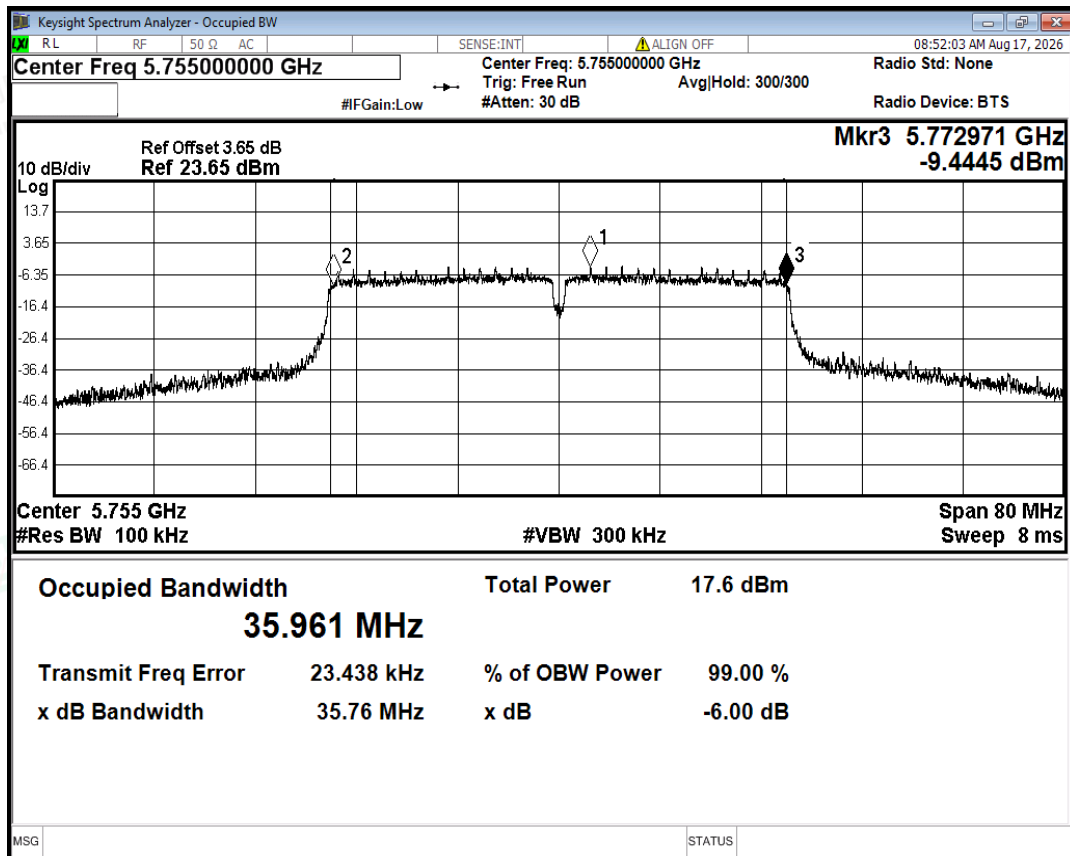
-6dB Bandwidth NVNT n20 5745MHz Ant1



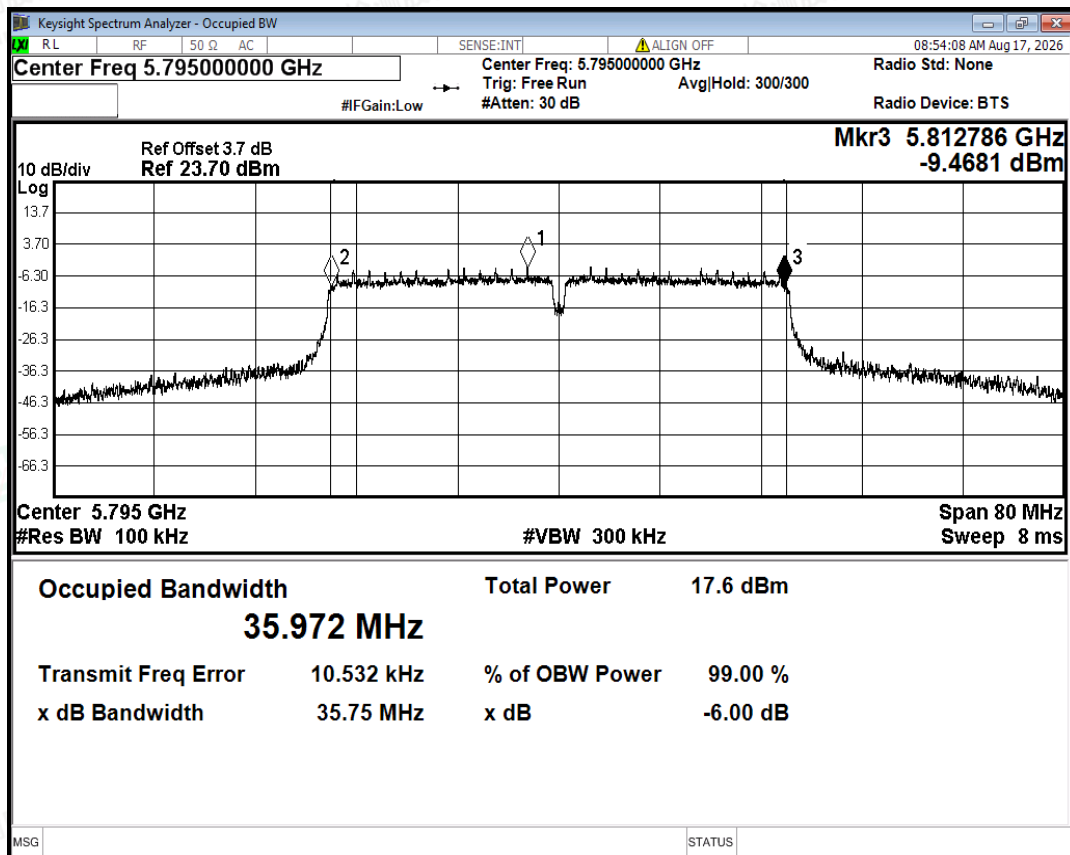
-6dB Bandwidth NVNT n20 5785MHz Ant1



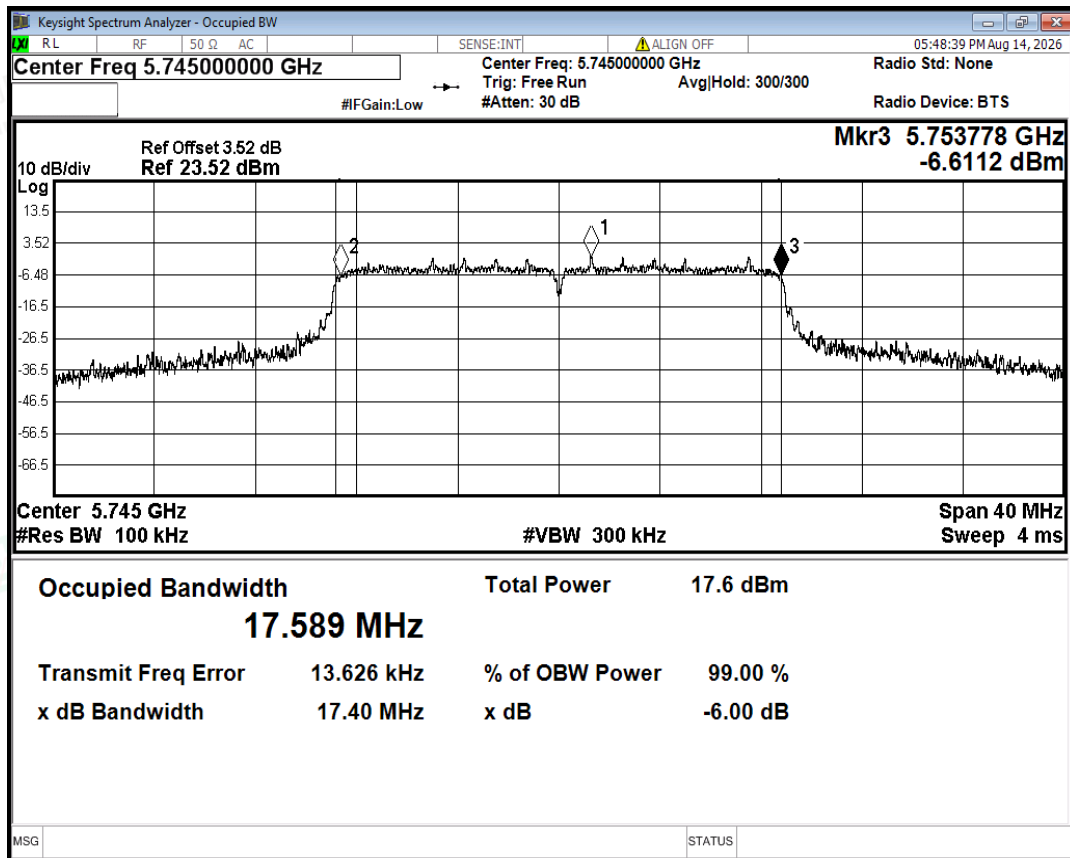
-6dB Bandwidth NVNT n20 5825MHz Ant1



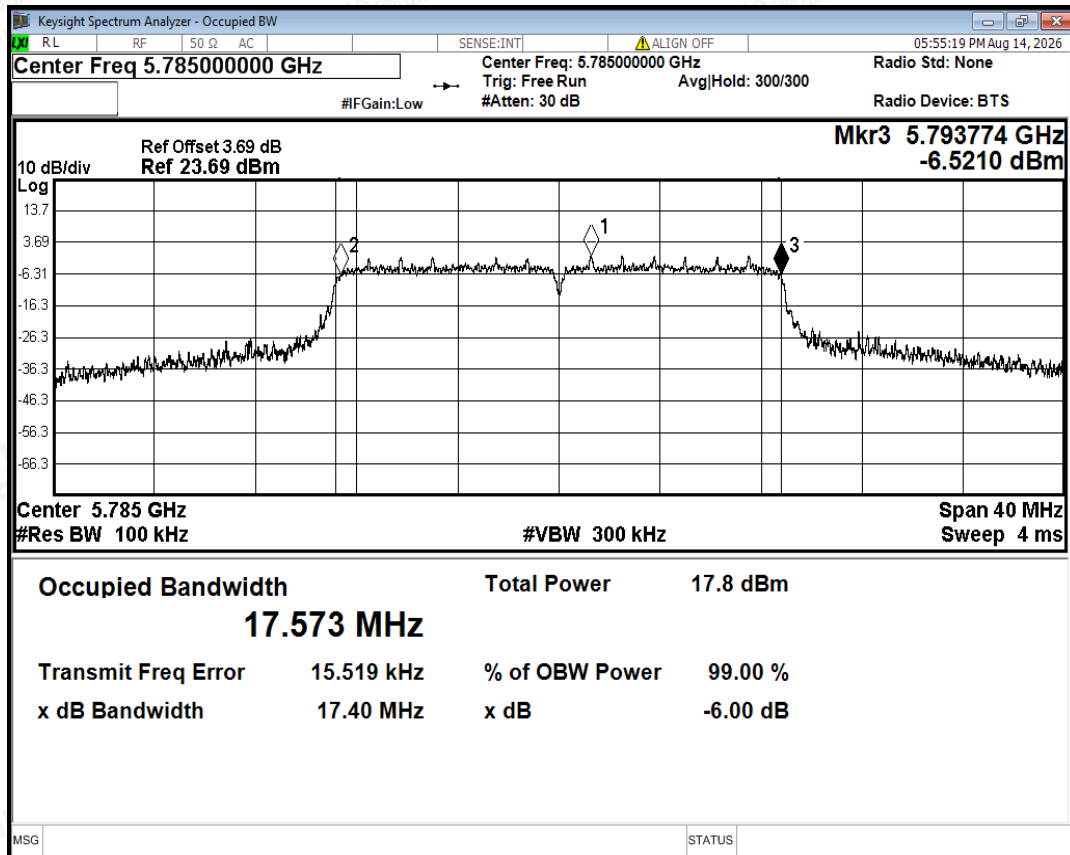
-6dB Bandwidth NVNT n40 5755MHz Ant1



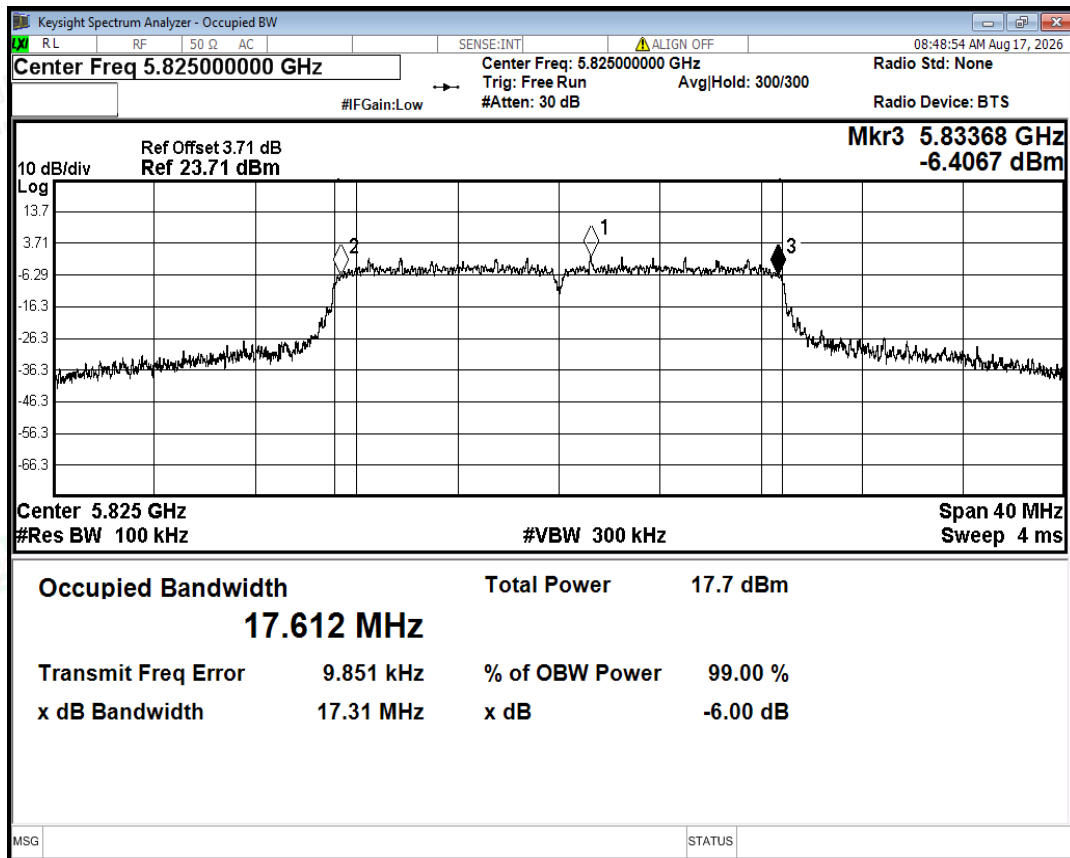
-6dB Bandwidth NVNT n40 5795MHz Ant1



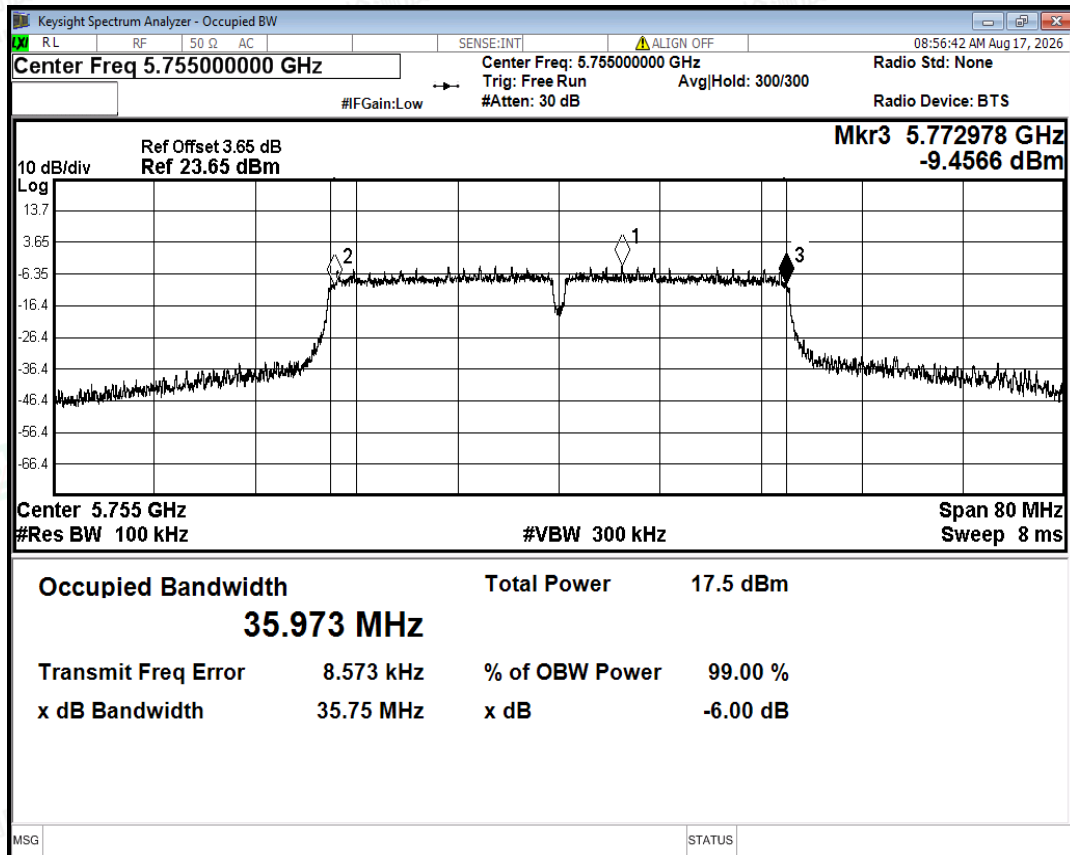
-6dB Bandwidth NVNT ac20 5745MHz Ant1



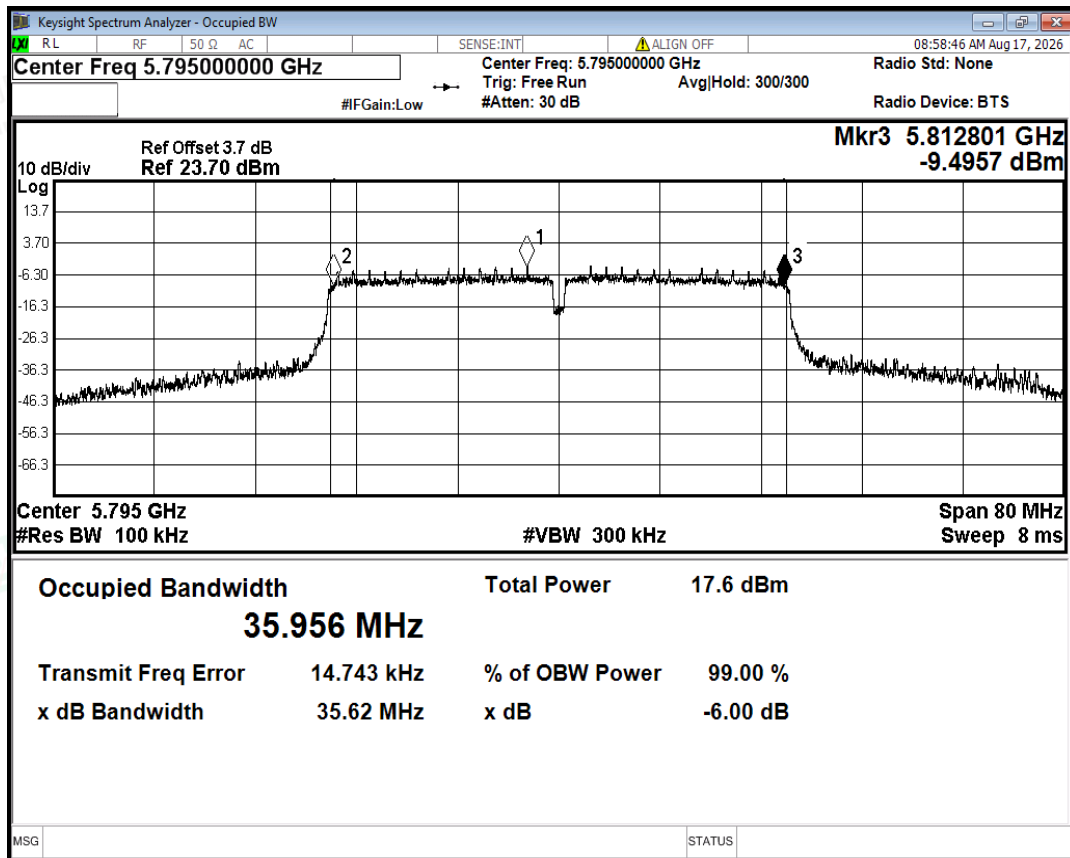
-6dB Bandwidth NVNT ac20 5785MHz Ant1



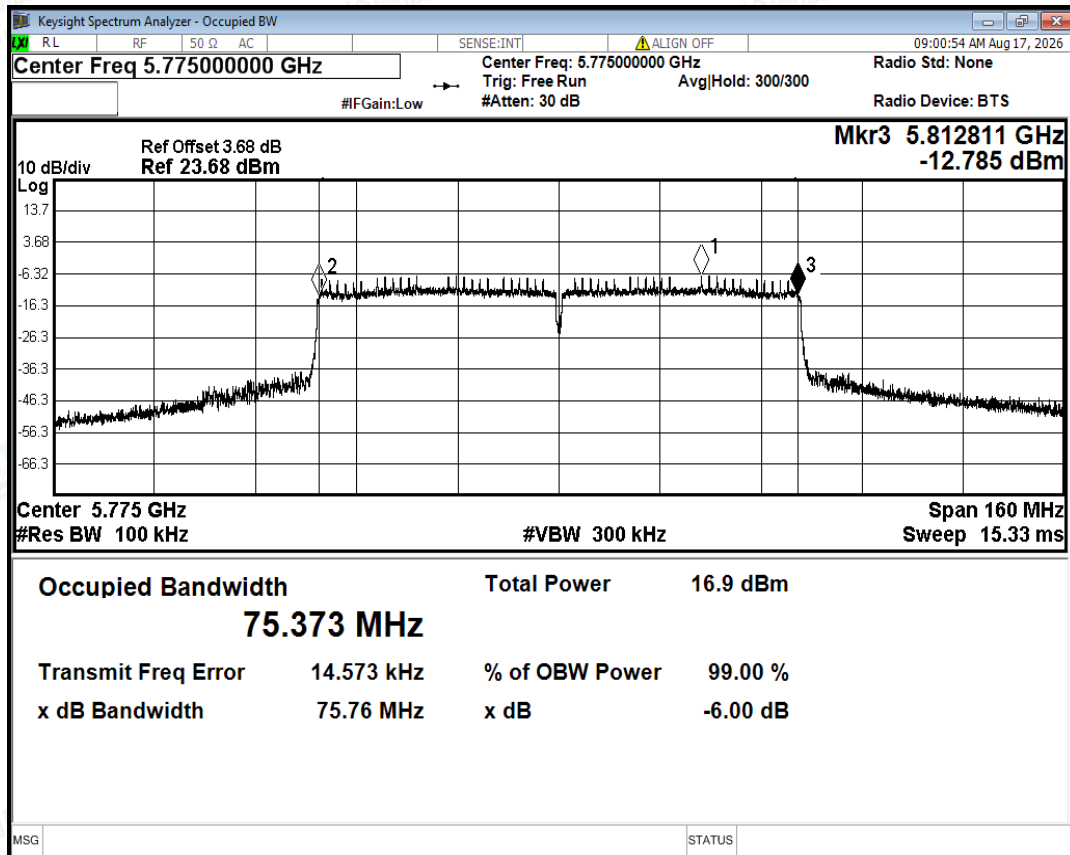
-6dB Bandwidth NVNT ac20 5825MHz Ant1



-6dB Bandwidth NVNT ac40 5755MHz Ant1



-6dB Bandwidth NVNT ac40 5795MHz Ant1



-6dB Bandwidth NVNT ac80 5775MHz Ant1



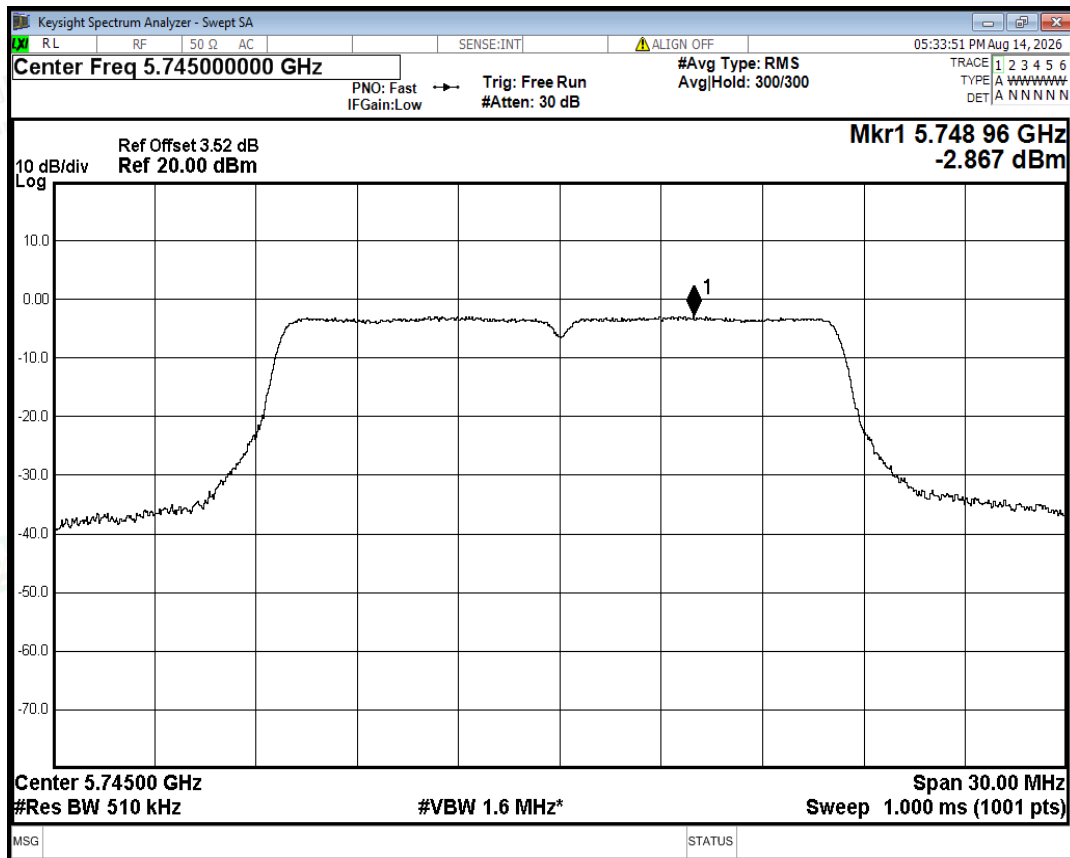
## F.2 Maximum Conducted Output Power

| Condition | Mode | Frequency (MHz) | Antenna | Conducted Power (dBm) | Duty Factor (dB) | Total Conducted Power (dBm) | Total Conducted Power (W) | Limit Conducted(dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------------|------------------|-----------------------------|---------------------------|----------------------|---------|
| NVNT      | a    | 5745            | Ant1    | 11.29                 | 0.18             | 11.47                       | 0.01403                   | 30                   | Pass    |
| NVNT      | a    | 5785            | Ant1    | 11.22                 | 0.18             | 11.4                        | 0.0138                    | 30                   | Pass    |
| NVNT      | a    | 5825            | Ant1    | 11.38                 | 0.18             | 11.56                       | 0.01432                   | 30                   | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 11.52                 | 0.22             | 11.74                       | 0.01493                   | 30                   | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 11.64                 | 0.22             | 11.86                       | 0.01535                   | 30                   | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 11.64                 | 0.25             | 11.89                       | 0.01545                   | 30                   | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 10.44                 | 0.42             | 10.86                       | 0.01219                   | 30                   | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 10.33                 | 0.49             | 10.82                       | 0.01208                   | 30                   | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 10.61                 | 0.21             | 10.82                       | 0.01208                   | 30                   | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 10.77                 | 0.25             | 11.02                       | 0.01265                   | 30                   | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 10.72                 | 0.21             | 10.93                       | 0.01239                   | 30                   | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 10.37                 | 0.41             | 10.78                       | 0.01197                   | 30                   | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 10.36                 | 0.49             | 10.85                       | 0.01216                   | 30                   | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 9.42                  | 0.79             | 10.21                       | 0.0105                    | 30                   | Pass    |

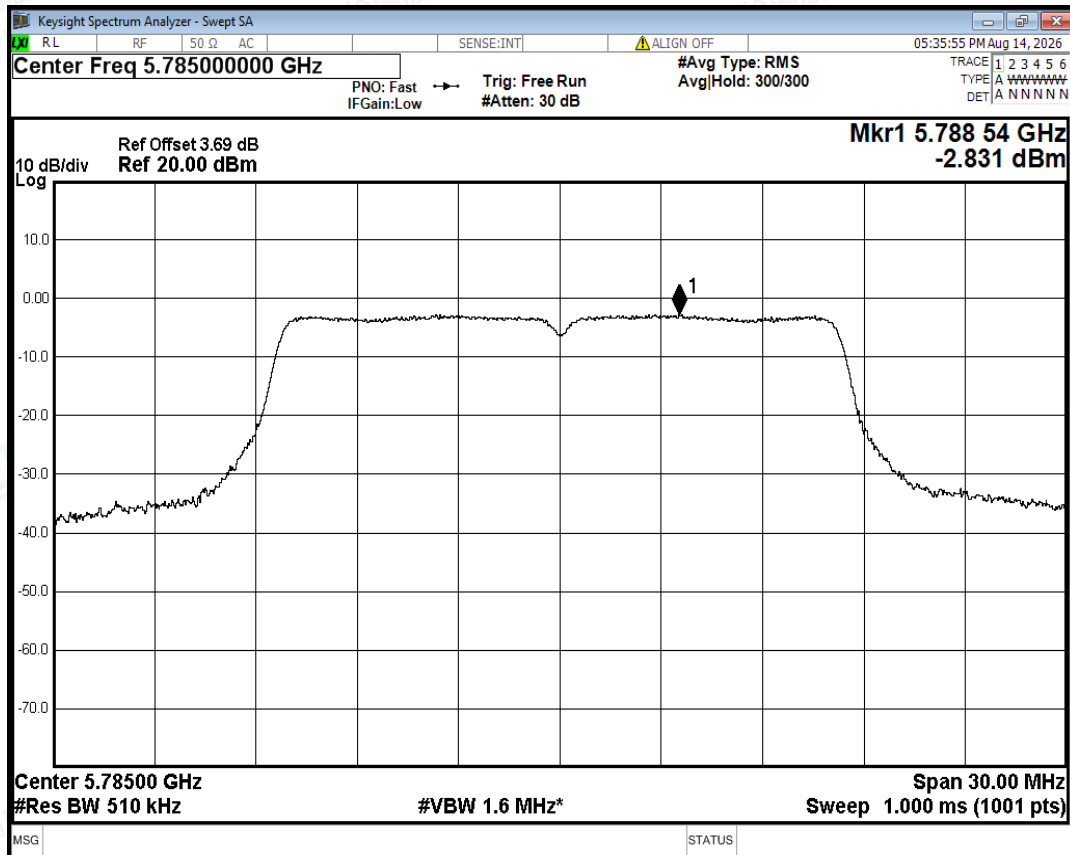


### F.3 Maximum Power Spectral Density Level

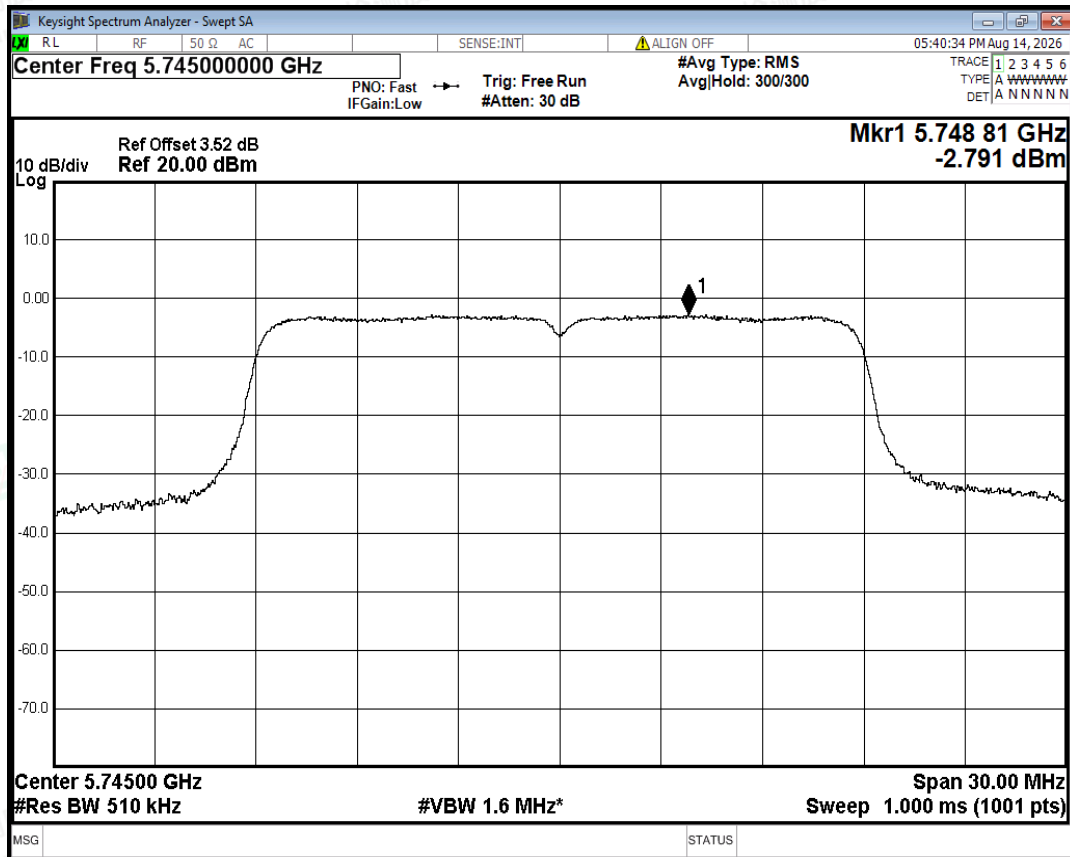
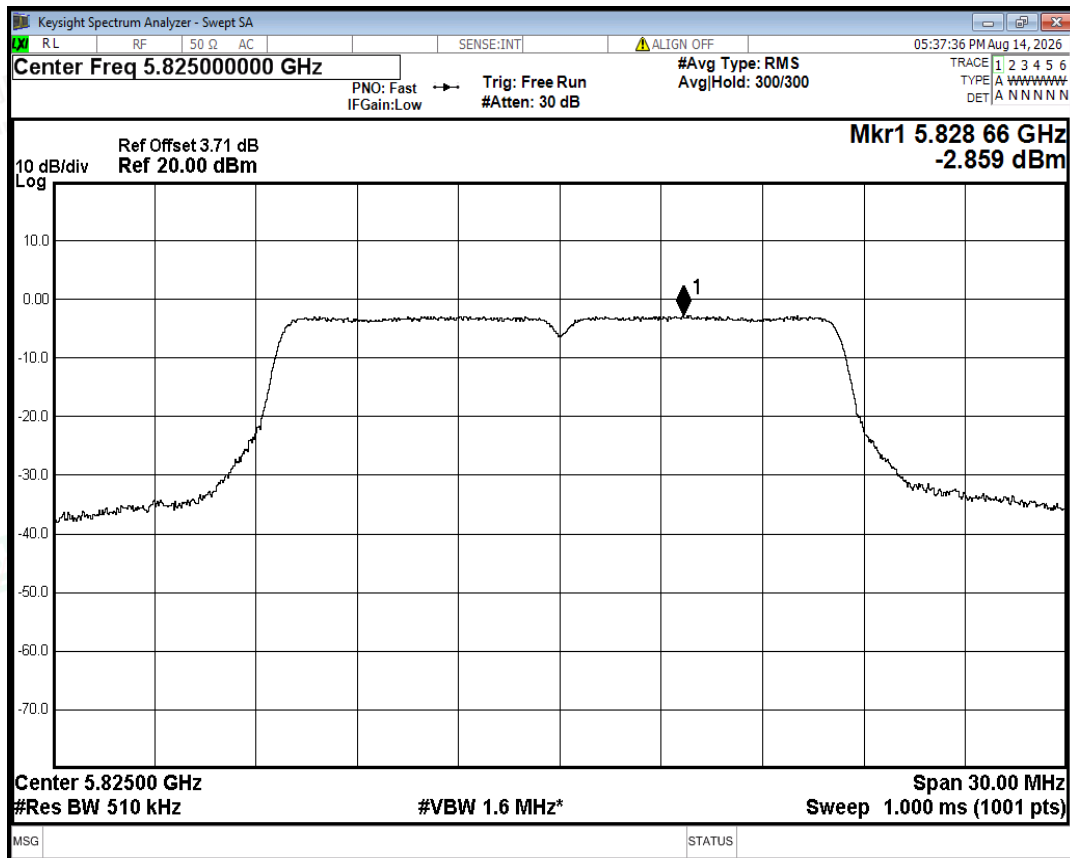
| Condition | Mode | Frequency (MHz) | Antenna | Conducted PSD (dBm/500KHz) | Duty Factor (dB) | Total PSD (dBm/500KHz) | Limit (dBm/500KHz) | Verdict |
|-----------|------|-----------------|---------|----------------------------|------------------|------------------------|--------------------|---------|
| NVNT      | a    | 5745            | Ant1    | -2.87                      | 0.18             | -2.69                  | 30                 | Pass    |
| NVNT      | a    | 5785            | Ant1    | -2.83                      | 0.18             | -2.65                  | 30                 | Pass    |
| NVNT      | a    | 5825            | Ant1    | -2.86                      | 0.18             | -2.68                  | 30                 | Pass    |
| NVNT      | n20  | 5745            | Ant1    | -2.79                      | 0.22             | -2.57                  | 30                 | Pass    |
| NVNT      | n20  | 5785            | Ant1    | -2.7                       | 0.22             | -2.48                  | 30                 | Pass    |
| NVNT      | n20  | 5825            | Ant1    | -2.73                      | 0.25             | -2.48                  | 30                 | Pass    |
| NVNT      | n40  | 5755            | Ant1    | -6.77                      | 0.42             | -6.35                  | 30                 | Pass    |
| NVNT      | n40  | 5795            | Ant1    | -6.82                      | 0.49             | -6.33                  | 30                 | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | -3.79                      | 0.21             | -3.58                  | 30                 | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | -3.56                      | 0.25             | -3.31                  | 30                 | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | -3.64                      | 0.21             | -3.43                  | 30                 | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | -6.75                      | 0.41             | -6.34                  | 30                 | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | -6.98                      | 0.49             | -6.49                  | 30                 | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | -11.07                     | 0.79             | -10.28                 | 30                 | Pass    |

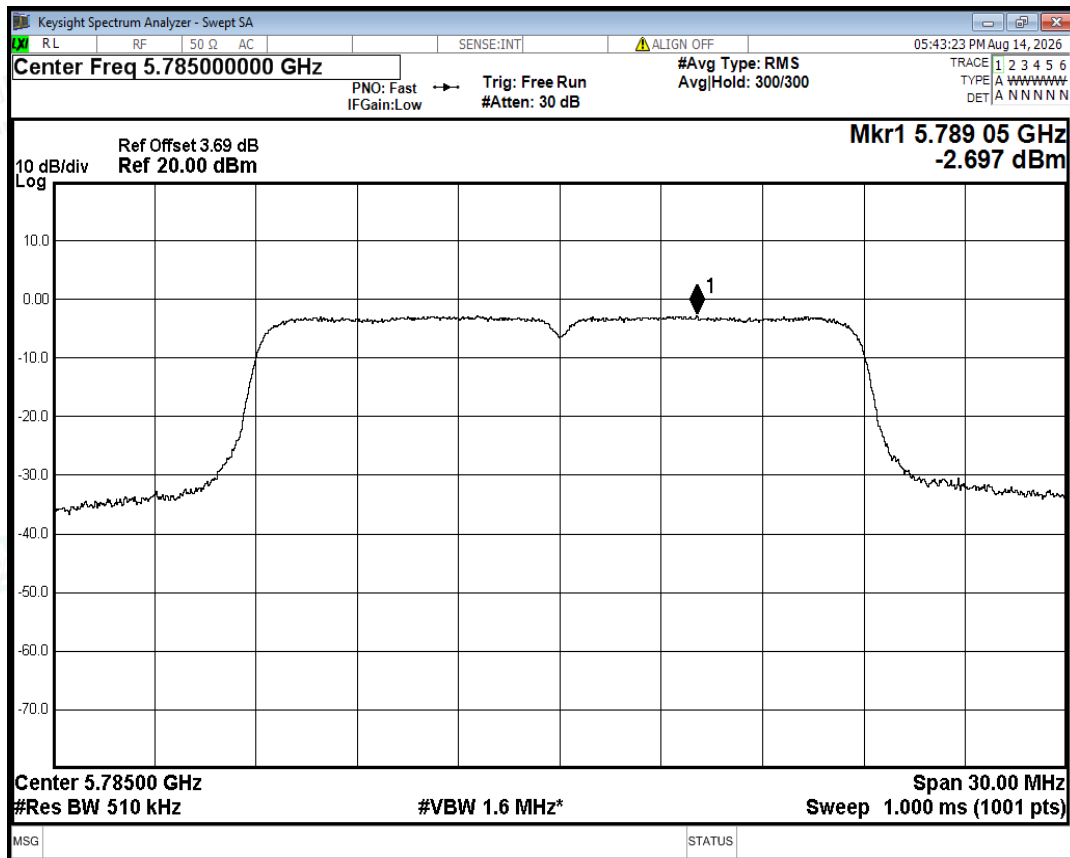


PSD NVNT a 5745MHz Ant1

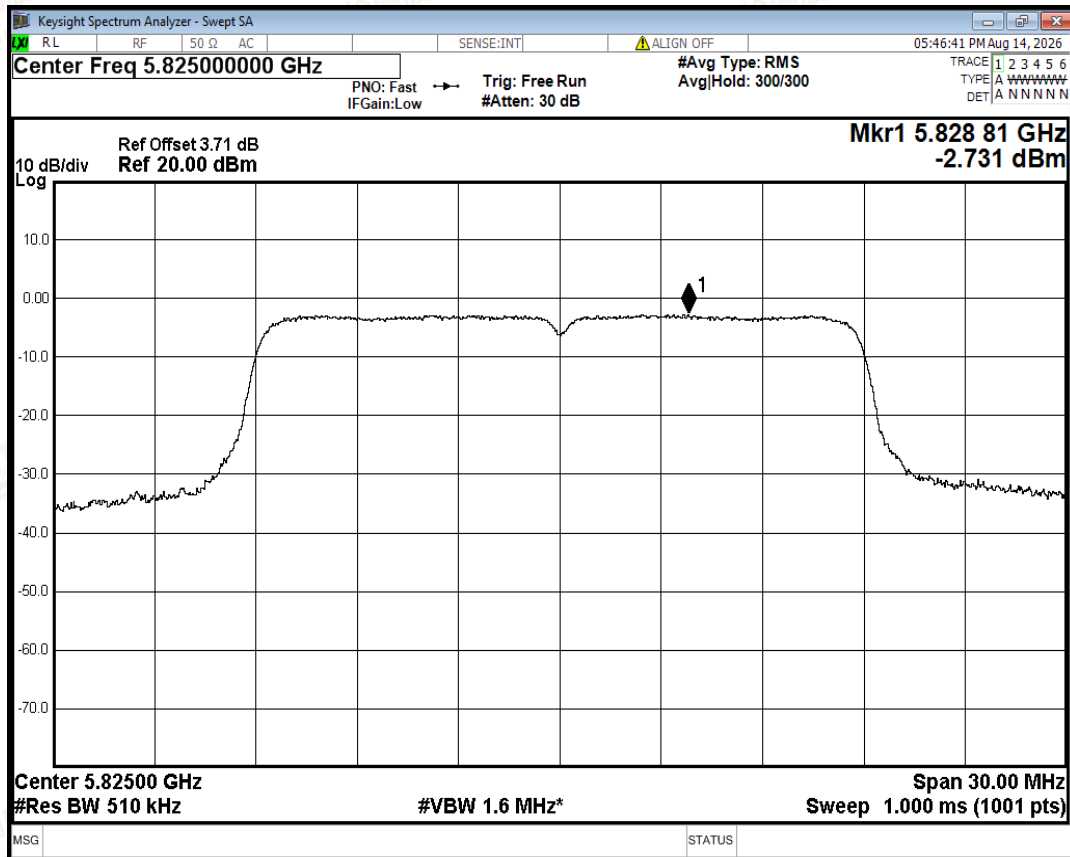


PSD NVNT a 5785MHz Ant1

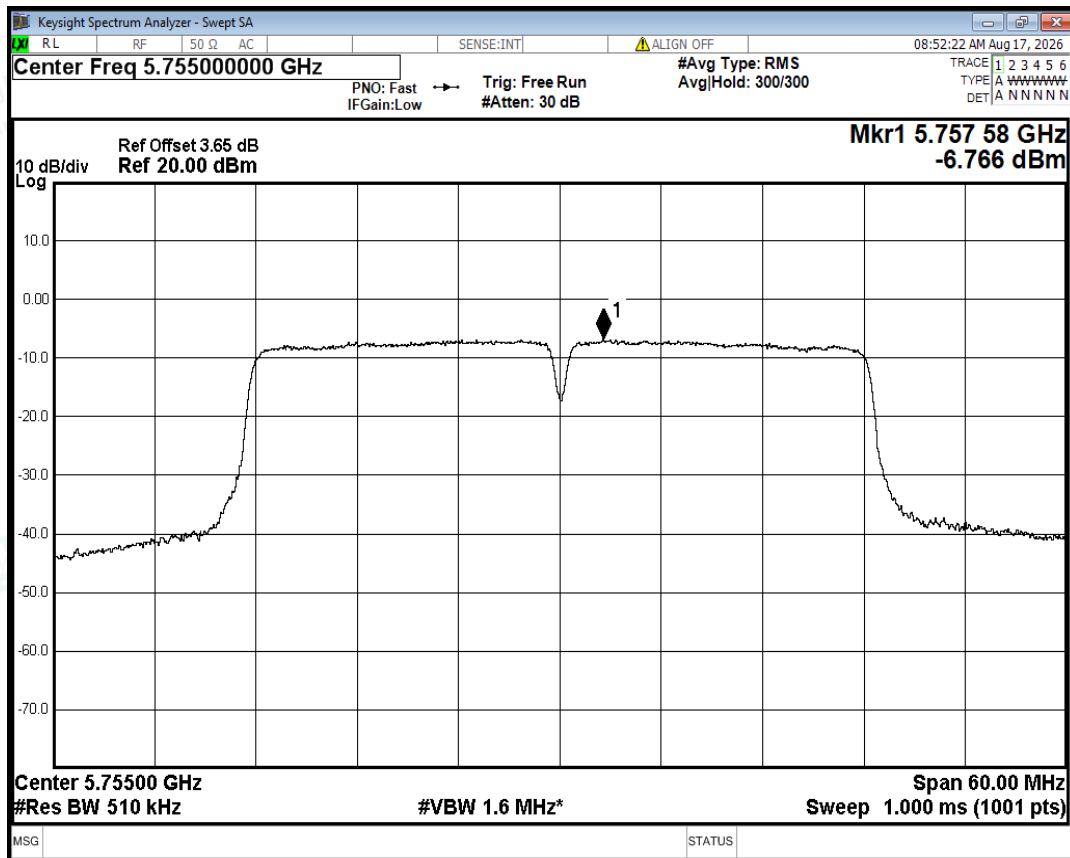




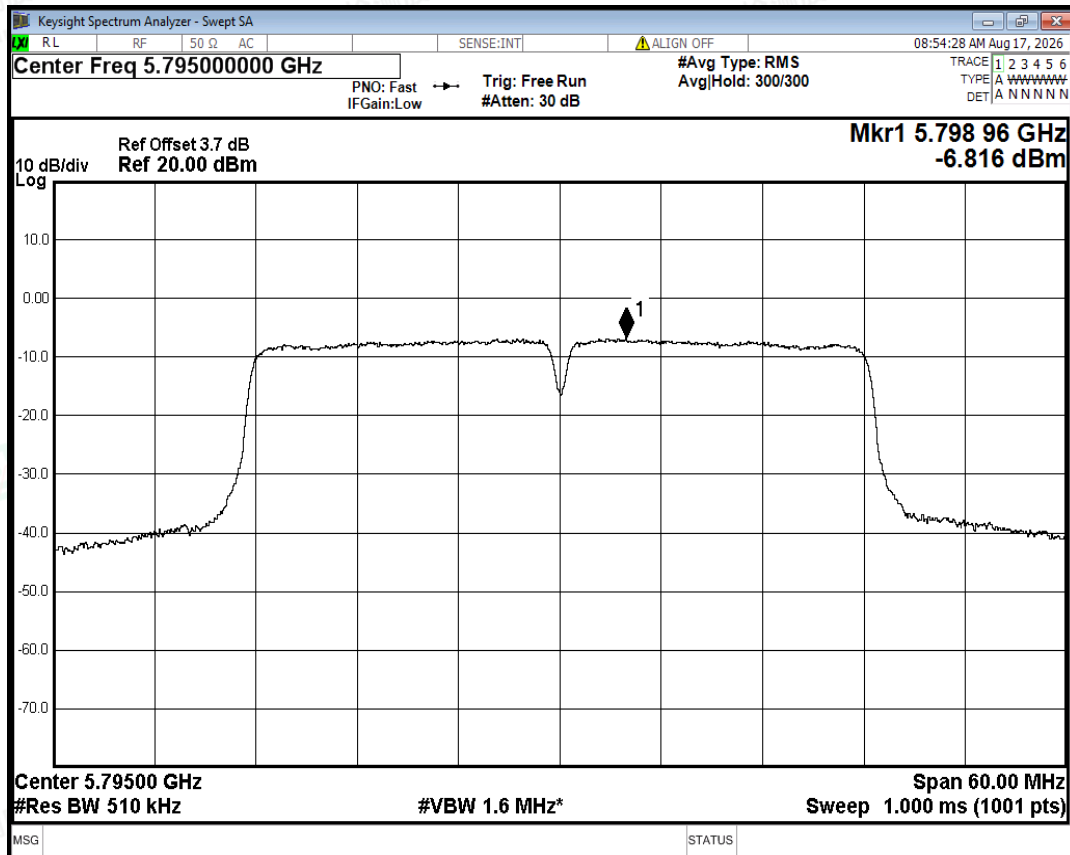
PSD NVNT n20 5785MHz Ant1



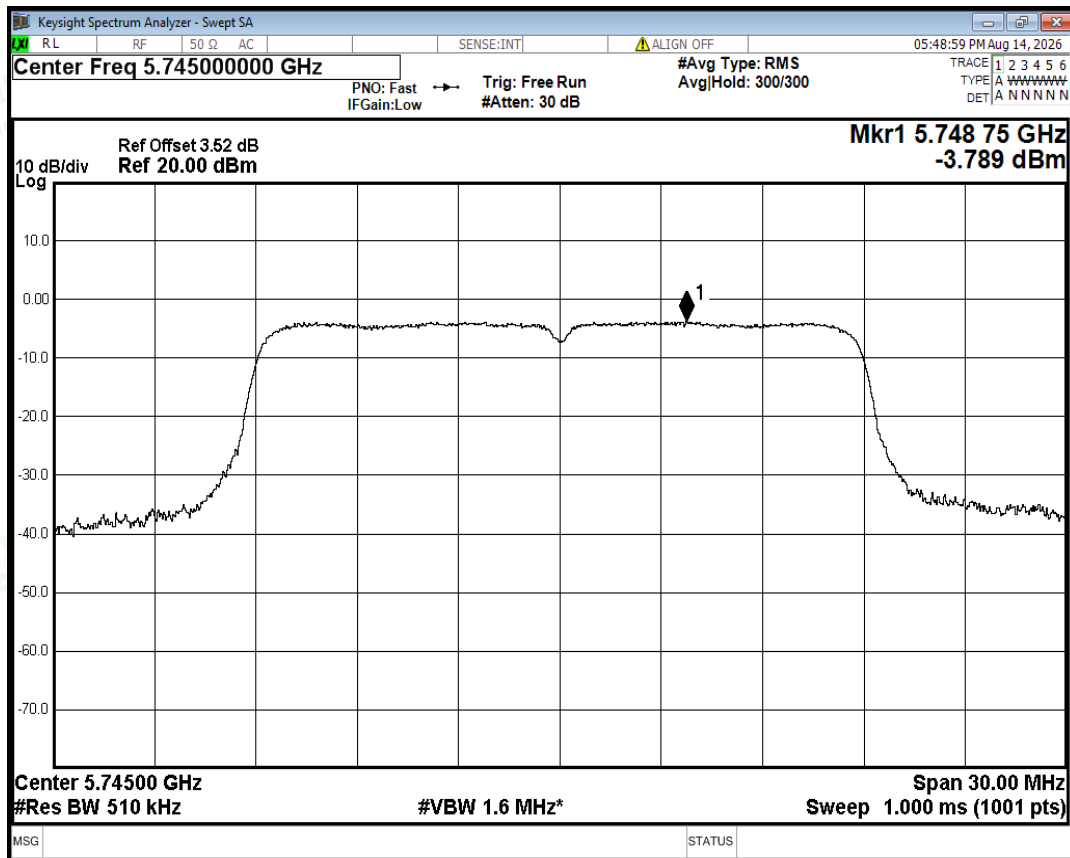
PSD NVNT n20 5825MHz Ant1



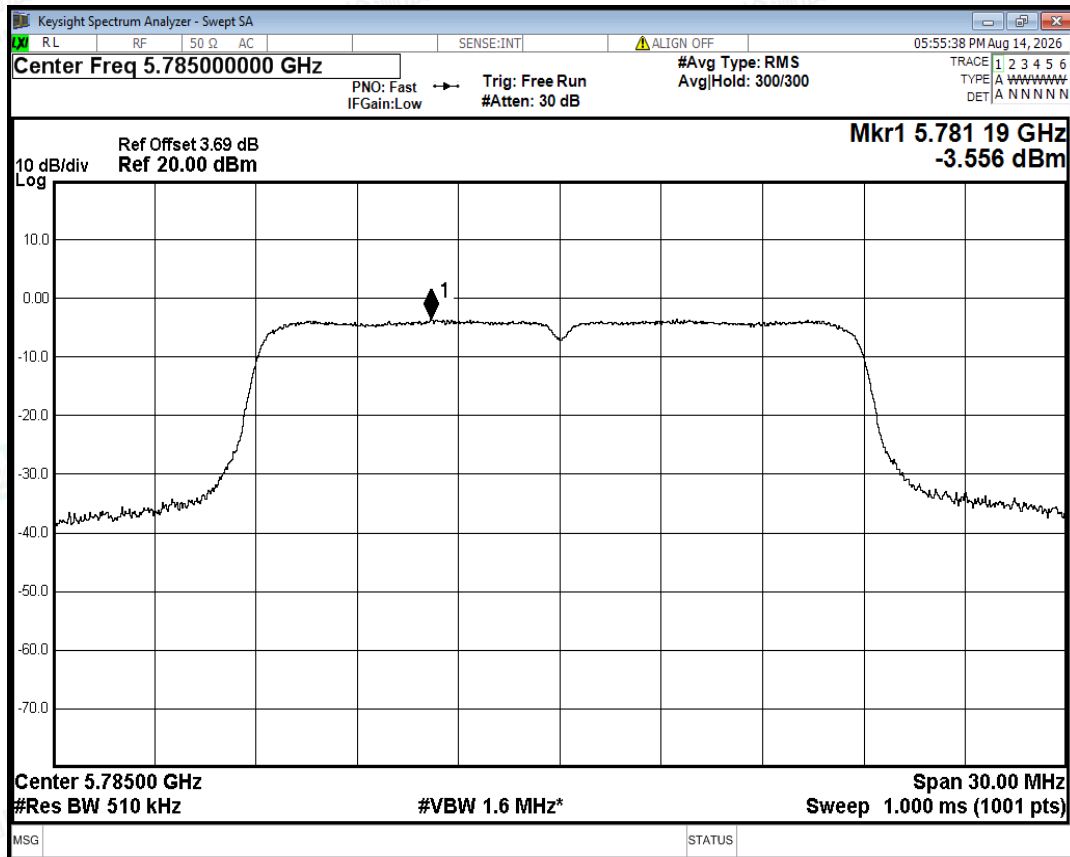
PSD NVNT n40 5755MHz Ant1



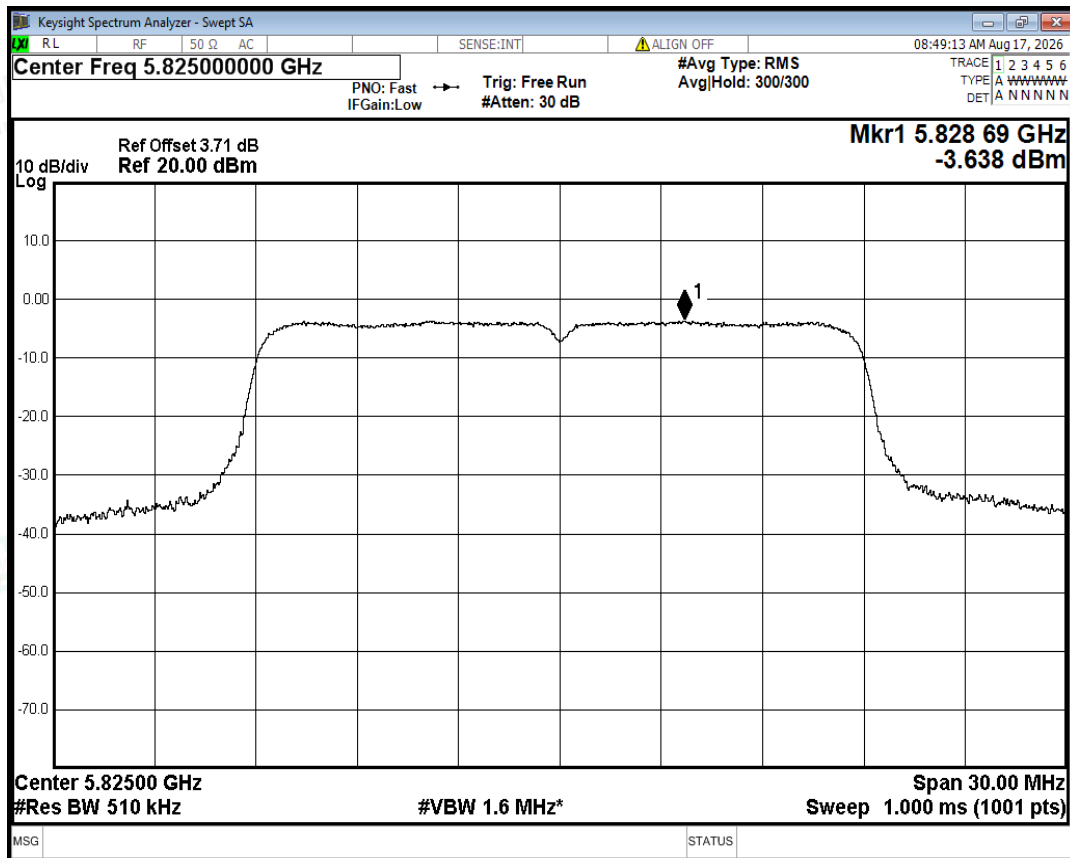
PSD NVNT n40 5795MHz Ant1



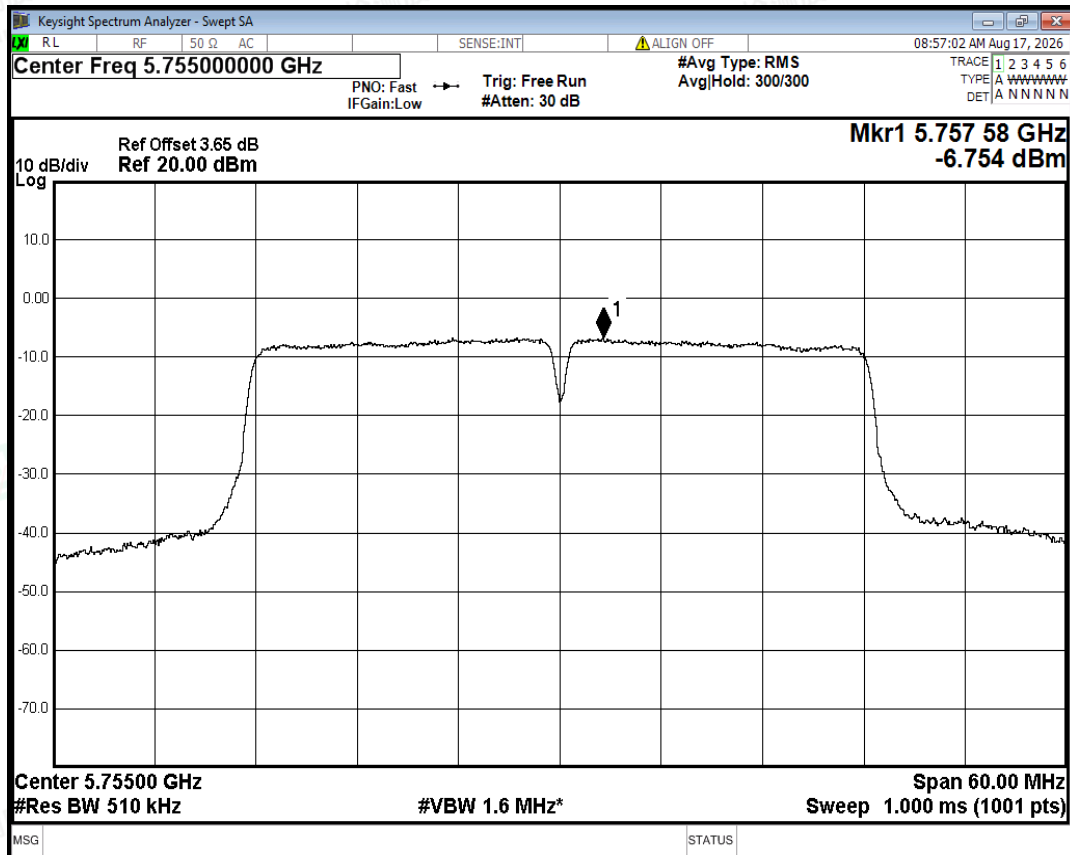
PSD NVNT ac20 5745MHz Ant1



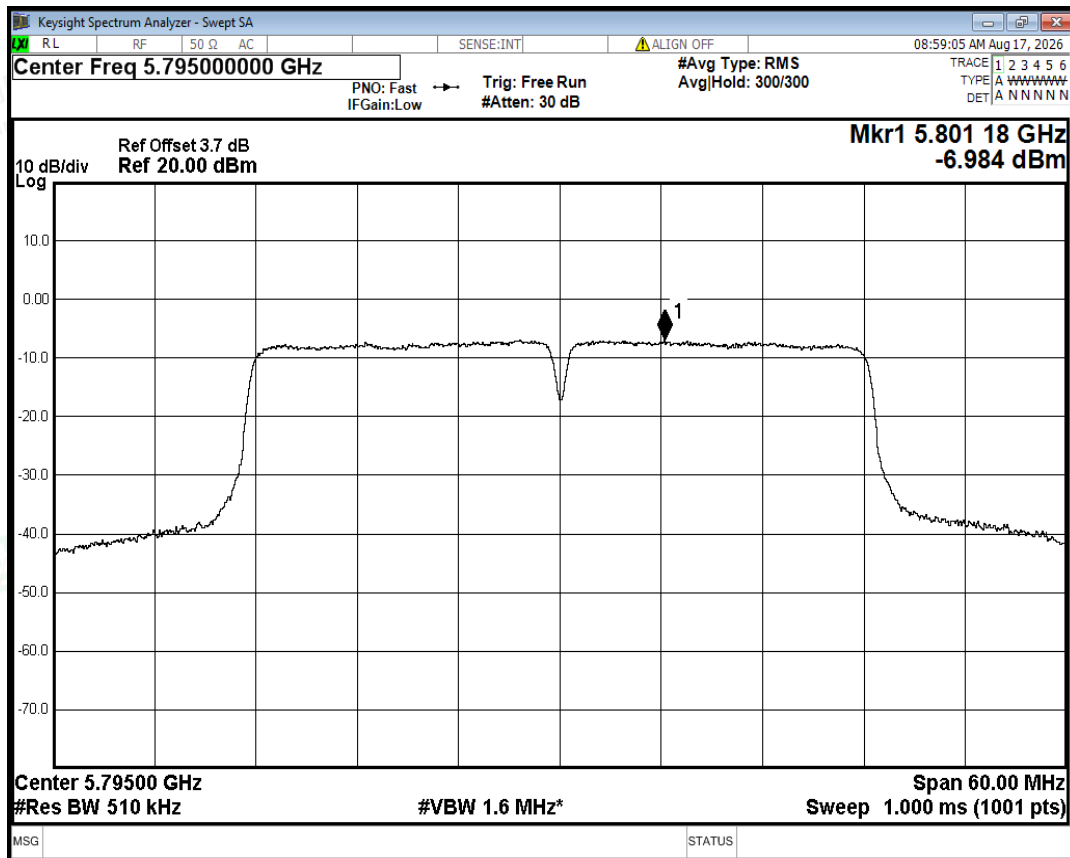
PSD NVNT ac20 5785MHz Ant1



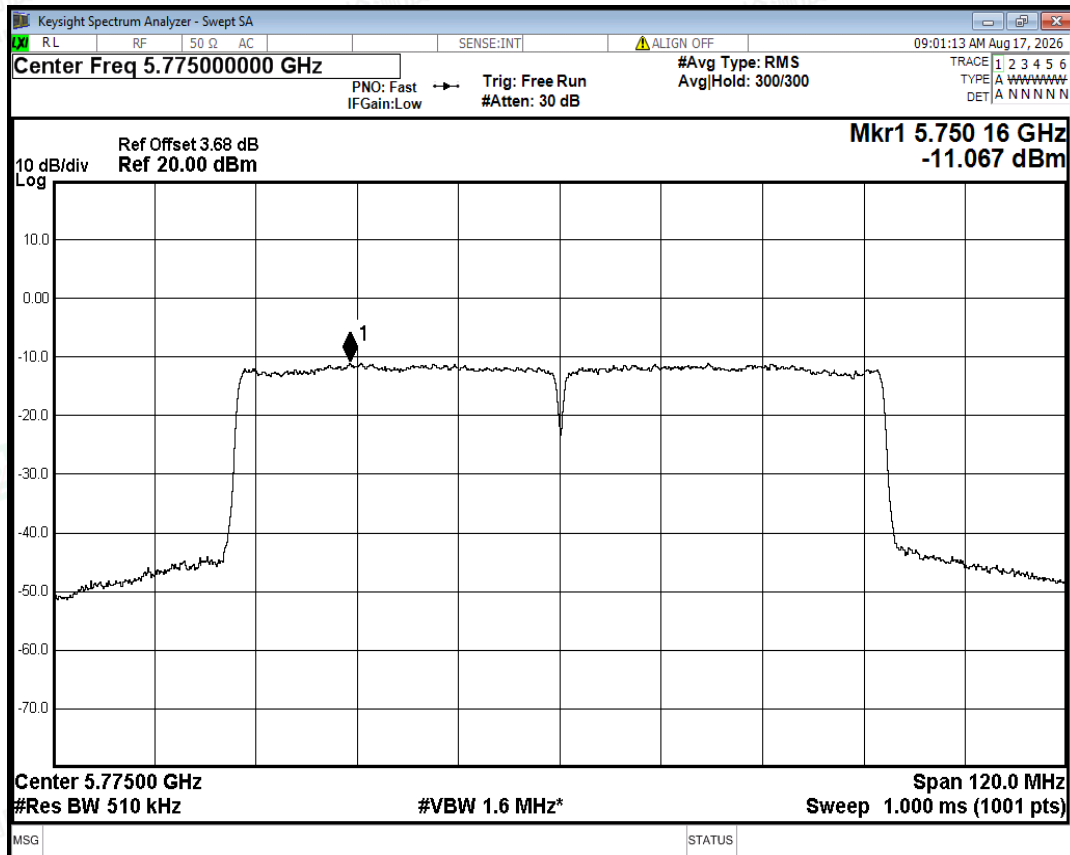
PSD NVNT ac20 5825MHz Ant1



PSD NVNT ac40 5755MHz Ant1



PSD NVNT ac40 5795MHz Ant1



PSD NVNT ac80 5775MHz Ant1



## F.4 Restrict Band

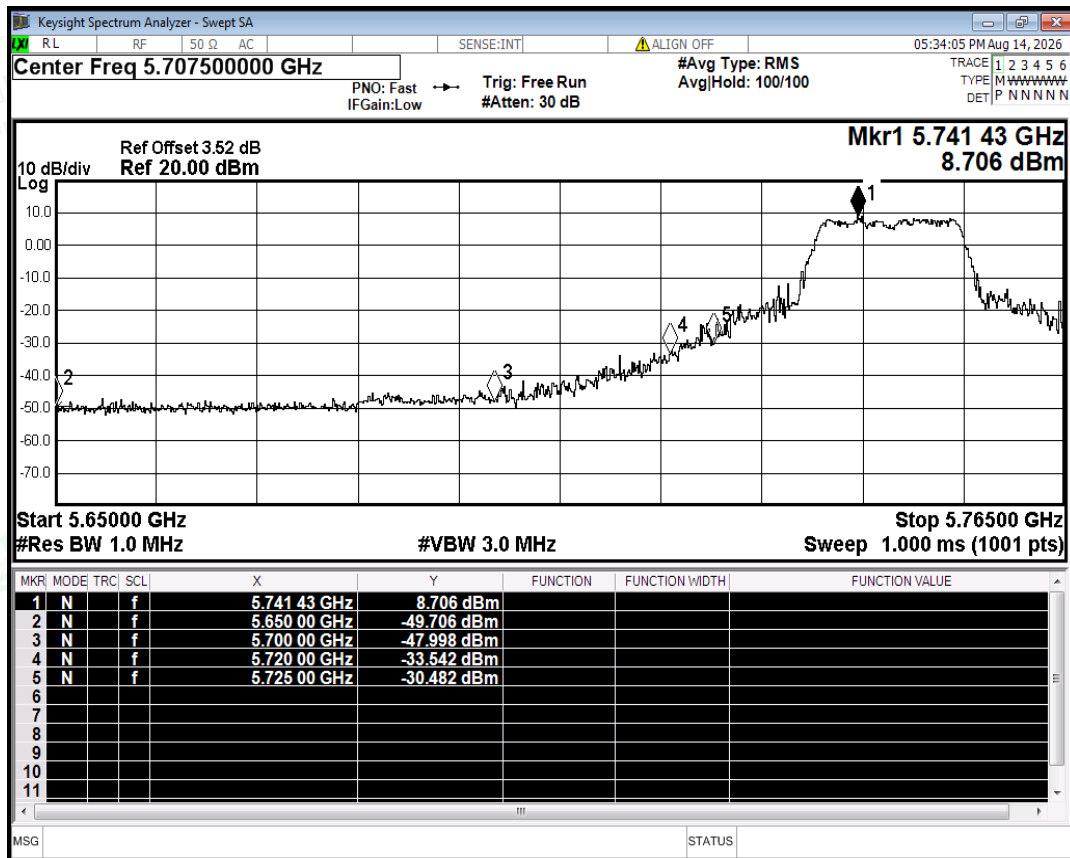
| Condition | Mode | Frequency (MHz) | Antenna | Spur Freq (MHz) | Power (dBm) | Gain (dBi) | EIRP (dBm) | Detector | Limit (dBm) | Verdict |
|-----------|------|-----------------|---------|-----------------|-------------|------------|------------|----------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5650            | -49.7       | 2          | -47.7      | Peak     | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5650            | -57.2       | 2          | -55.2      | Average  | -27         | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -47.99      | 2          | -45.99     | Peak     | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5700            | -54.26      | 2          | -52.26     | Average  | 10          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -33.54      | 2          | -31.54     | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5720            | -44.7       | 2          | -42.7      | Average  | 15.6        | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -28.37      | 2          | -26.37     | Peak     | 27          | Pass    |
| NVNT      | a    | 5745            | Ant1    | 5725            | -37.51      | 2          | -35.51     | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -33.41      | 2          | -31.41     | Peak     | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5850            | -46.85      | 2          | -44.85     | Average  | 27          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -40.7       | 2          | -38.7      | Peak     | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5855            | -51.29      | 2          | -49.29     | Average  | 15.6        | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -45.01      | 2          | -43.01     | Peak     | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5875            | -54.16      | 2          | -52.16     | Average  | 10          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -48.58      | 2          | -46.58     | Peak     | -27         | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5925            | -55.3       | 2          | -53.3      | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -50.1       | 2          | -48.1      | Peak     | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5650            | -56.87      | 2          | -54.87     | Average  | -27         | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -46.51      | 2          | -44.51     | Peak     | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5700            | -53.58      | 2          | -51.58     | Average  | 10          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -32.52      | 2          | -30.52     | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5720            | -42.52      | 2          | -40.52     | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -26.23      | 2          | -24.23     | Peak     | 27          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5725            | -35.78      | 2          | -33.78     | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -29.66      | 2          | -27.66     | Peak     | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5850            | -43.44      | 2          | -41.44     | Average  | 27          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -42.37      | 2          | -40.37     | Peak     | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5855            | -49.21      | 2          | -47.21     | Average  | 15.6        | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -46.66      | 2          | -44.66     | Peak     | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5875            | -53.92      | 2          | -51.92     | Average  | 10          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -47.6       | 2          | -45.6      | Peak     | -27         | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5925            | -55.3       | 2          | -53.3      | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -50.71      | 2          | -48.71     | Peak     | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5650            | -56.34      | 2          | -54.34     | Average  | -27         | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -43.44      | 2          | -41.44     | Peak     | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5700            | -51.3       | 2          | -49.3      | Average  | 10          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5720            | -30.51      | 2          | -28.51     | Peak     | 15.6        | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5720            | -41.28      | 2          | -39.28     | Average  | 15.6        | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5725            | -29.34      | 2          | -27.34     | Peak     | 27          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5725            | -38.72      | 2          | -36.72     | Average  | 27          | Pass    |



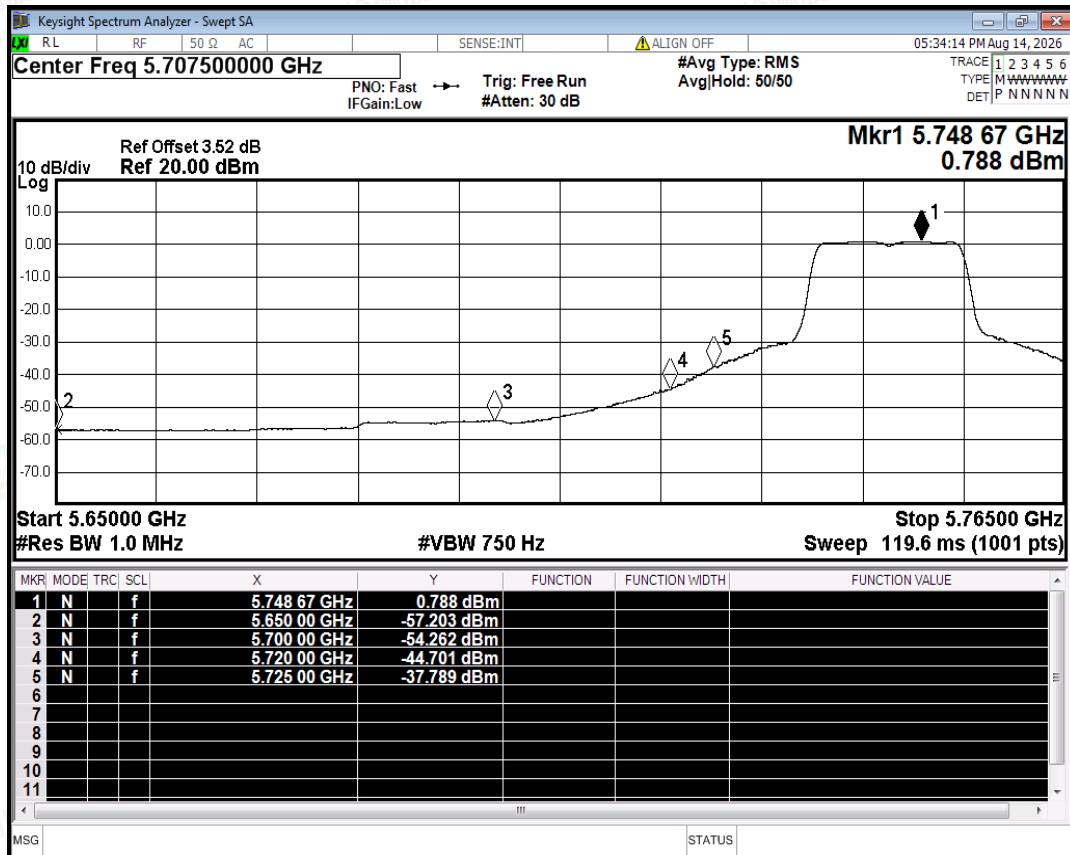
|      |      |      |      |      |        |   |        |         |      |      |
|------|------|------|------|------|--------|---|--------|---------|------|------|
| NVNT | n40  | 5795 | Ant1 | 5850 | -46.31 | 2 | -44.31 | Peak    | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5850 | -53.34 | 2 | -51.34 | Average | 27   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -47.06 | 2 | -45.06 | Peak    | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5855 | -53.98 | 2 | -51.98 | Average | 15.6 | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -48.94 | 2 | -46.94 | Peak    | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5875 | -55.47 | 2 | -53.47 | Average | 10   | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -47.09 | 2 | -45.09 | Peak    | -27  | Pass |
| NVNT | n40  | 5795 | Ant1 | 5925 | -55.67 | 2 | -53.67 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -49.74 | 2 | -47.74 | Peak    | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5650 | -56.86 | 2 | -54.86 | Average | -27  | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -47.37 | 2 | -45.37 | Peak    | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5700 | -54.31 | 2 | -52.31 | Average | 10   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -33.5  | 2 | -31.5  | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5720 | -43.92 | 2 | -41.92 | Average | 15.6 | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -27.6  | 2 | -25.6  | Peak    | 27   | Pass |
| NVNT | ac20 | 5745 | Ant1 | 5725 | -36.34 | 2 | -34.34 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -34.81 | 2 | -32.81 | Peak    | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5850 | -44.94 | 2 | -42.94 | Average | 27   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -41.29 | 2 | -39.29 | Peak    | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5855 | -50.87 | 2 | -48.87 | Average | 15.6 | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -48.17 | 2 | -46.17 | Peak    | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5875 | -54.21 | 2 | -52.21 | Average | 10   | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -48.09 | 2 | -46.09 | Peak    | -27  | Pass |
| NVNT | ac20 | 5825 | Ant1 | 5925 | -55.19 | 2 | -53.19 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -50.15 | 2 | -48.15 | Peak    | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5650 | -56.12 | 2 | -54.12 | Average | -27  | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -43.84 | 2 | -41.84 | Peak    | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5700 | -50.92 | 2 | -48.92 | Average | 10   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -30.51 | 2 | -28.51 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5720 | -39.64 | 2 | -37.64 | Average | 15.6 | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -27.02 | 2 | -25.02 | Peak    | 27   | Pass |
| NVNT | ac40 | 5755 | Ant1 | 5725 | -37.32 | 2 | -35.32 | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -45.06 | 2 | -43.06 | Peak    | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5850 | -52.9  | 2 | -50.9  | Average | 27   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -47.11 | 2 | -45.11 | Peak    | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5855 | -53.57 | 2 | -51.57 | Average | 15.6 | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -48.4  | 2 | -46.4  | Peak    | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5875 | -55.58 | 2 | -53.58 | Average | 10   | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -48.88 | 2 | -46.88 | Peak    | -27  | Pass |
| NVNT | ac40 | 5795 | Ant1 | 5925 | -55.83 | 2 | -53.83 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -35.97 | 2 | -33.97 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5850 | -45.5  | 2 | -43.5  | Average | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -38.47 | 2 | -36.47 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5855 | -46.39 | 2 | -44.39 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5875 | -42.97 | 2 | -40.97 | Peak    | 10   | Pass |



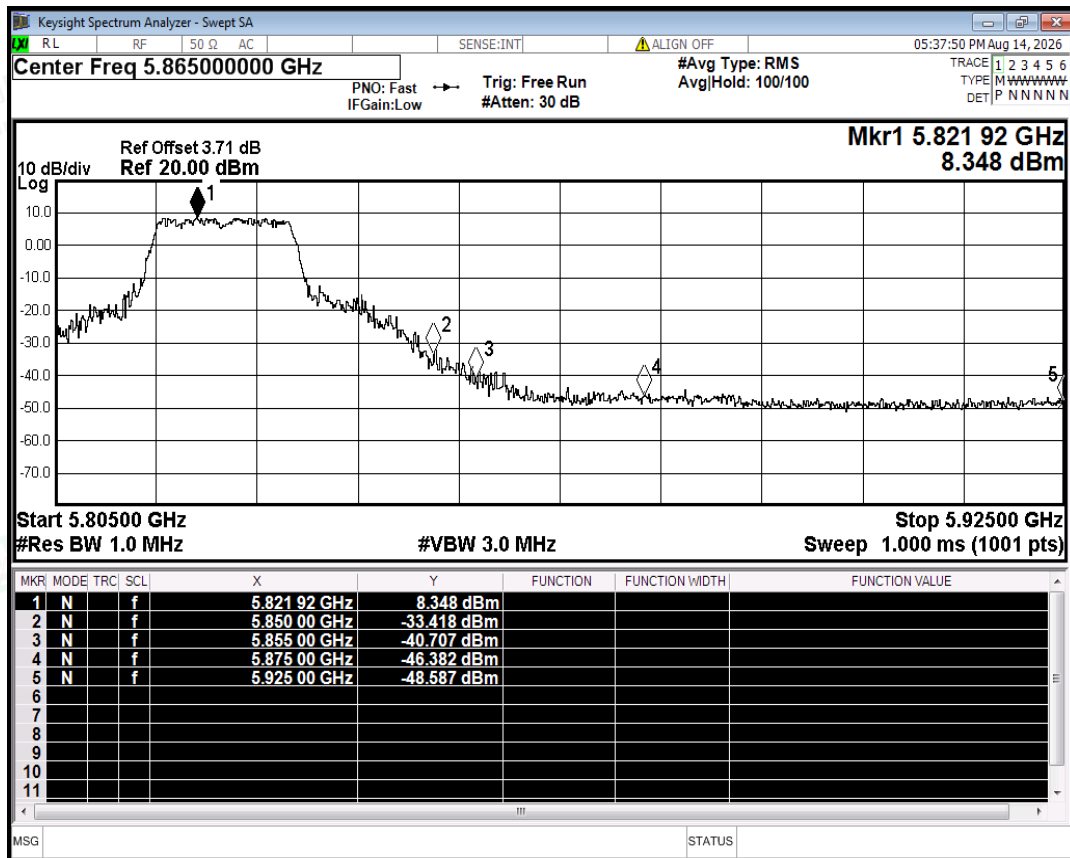
|      |      |      |      |      |        |   |        |         |      |      |
|------|------|------|------|------|--------|---|--------|---------|------|------|
| NVNT | ac80 | 5775 | Ant1 | 5875 | -51.38 | 2 | -49.38 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -50.77 | 2 | -48.77 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5925 | -55.39 | 2 | -53.39 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -46.86 | 2 | -44.86 | Peak    | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5650 | -54.84 | 2 | -52.84 | Average | -27  | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -42.5  | 2 | -40.5  | Peak    | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5700 | -48.94 | 2 | -46.94 | Average | 10   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -35.53 | 2 | -33.53 | Peak    | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5720 | -42.96 | 2 | -40.96 | Average | 15.6 | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -30.02 | 2 | -28.02 | Peak    | 27   | Pass |
| NVNT | ac80 | 5775 | Ant1 | 5725 | -40.56 | 2 | -38.56 | Average | 27   | Pass |



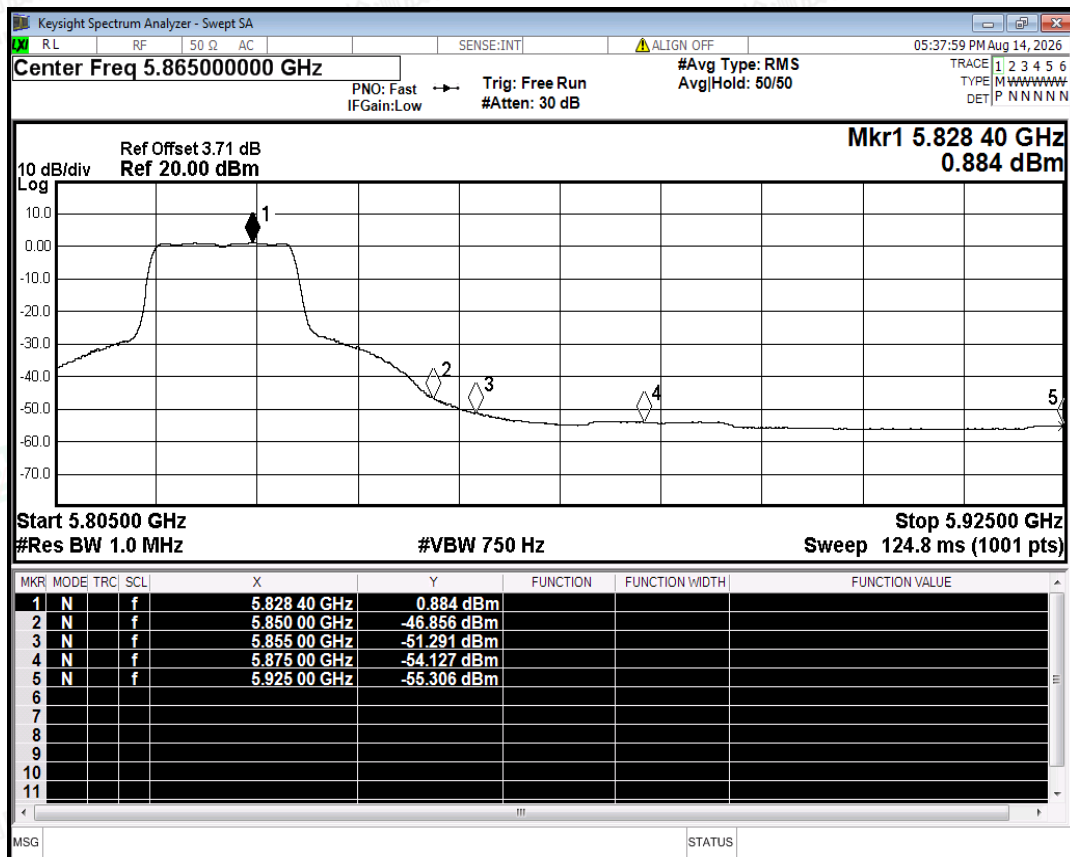
Restrict Band NVNT a 5745MHz Ant1 Peak



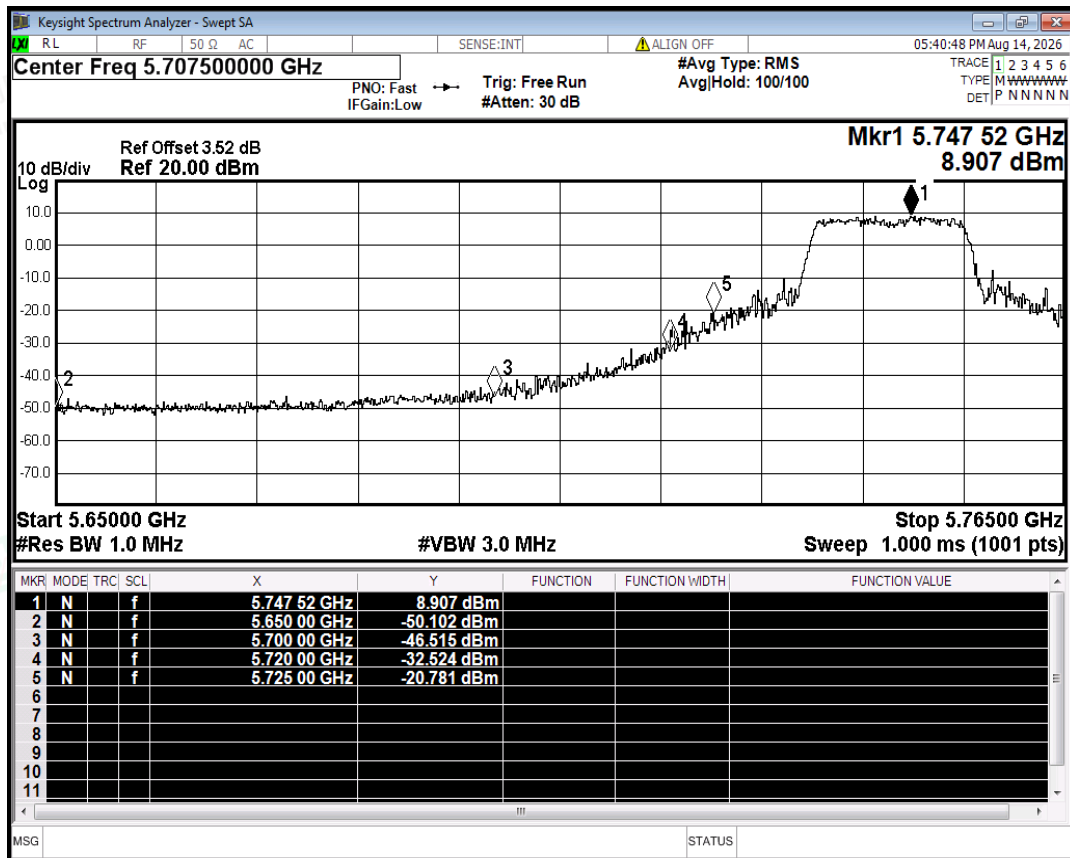
Restrict Band NVNT a 5745MHz Ant1 Average



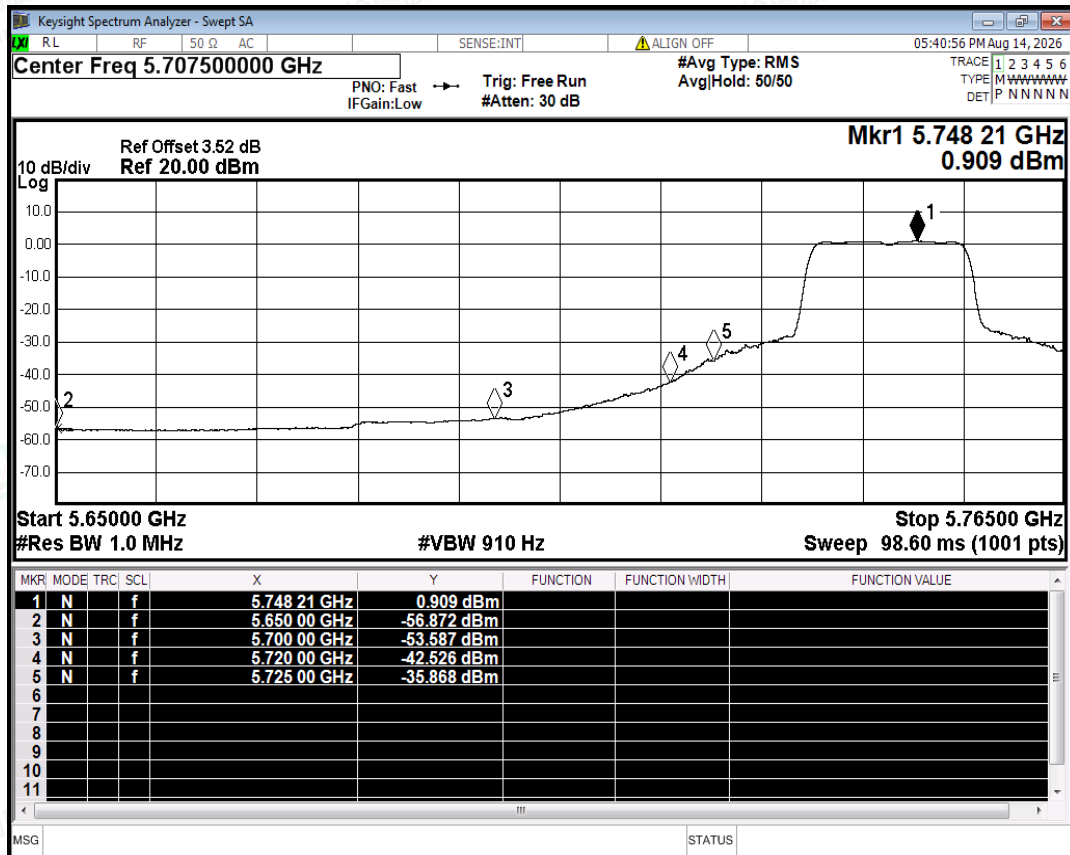
Restrict Band NVNT a 5825MHz Ant1 Peak



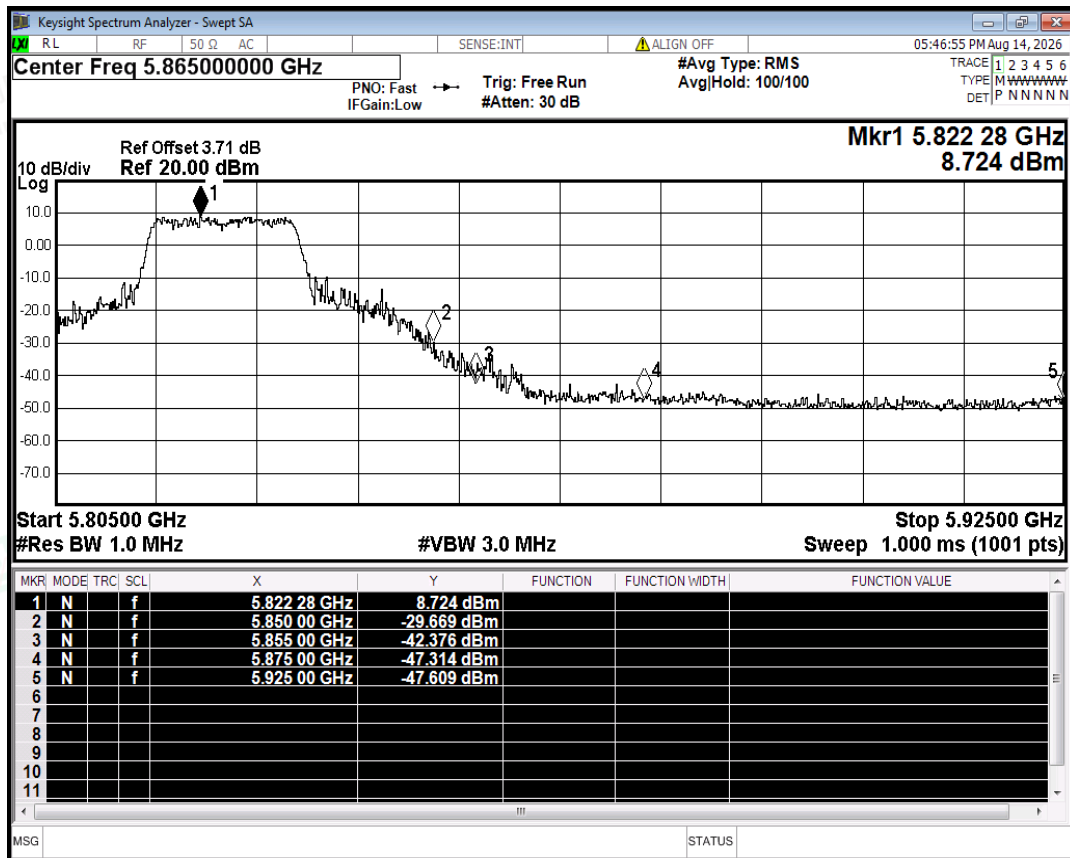
Restrict Band NVNT a 5825MHz Ant1 Average



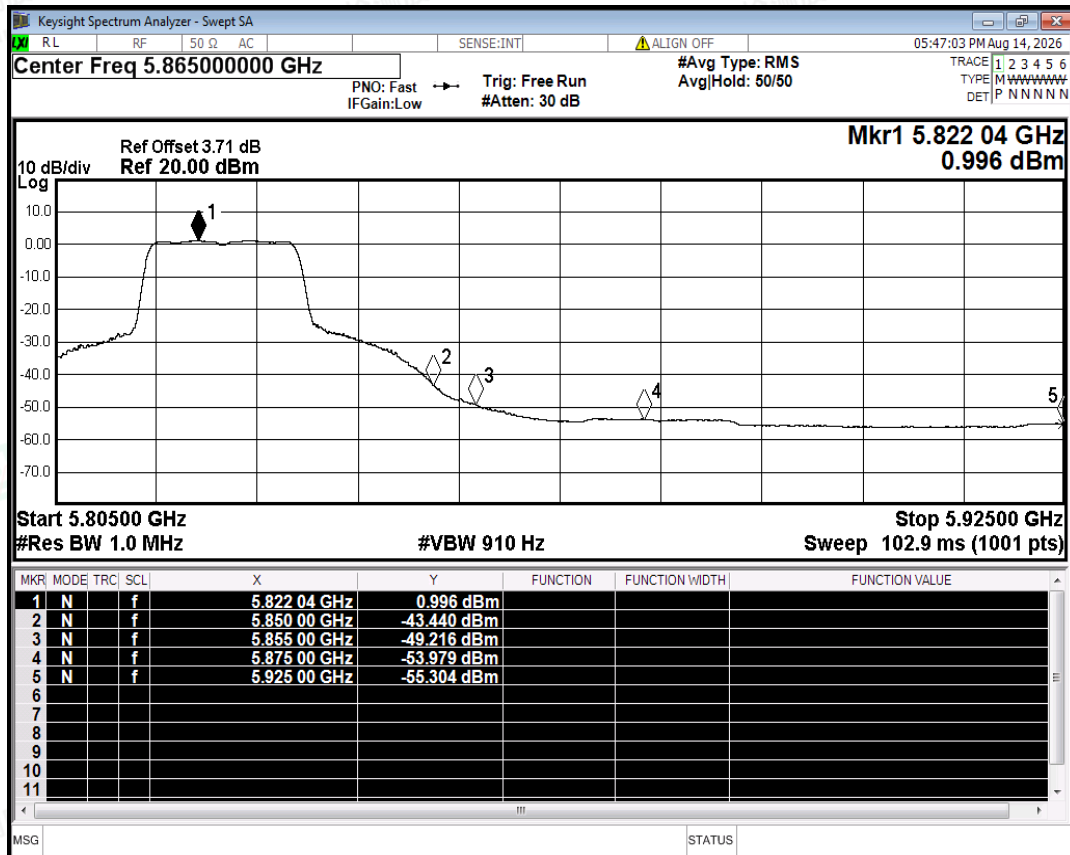
Restrict Band NVNT n20 5745MHz Ant1 Peak



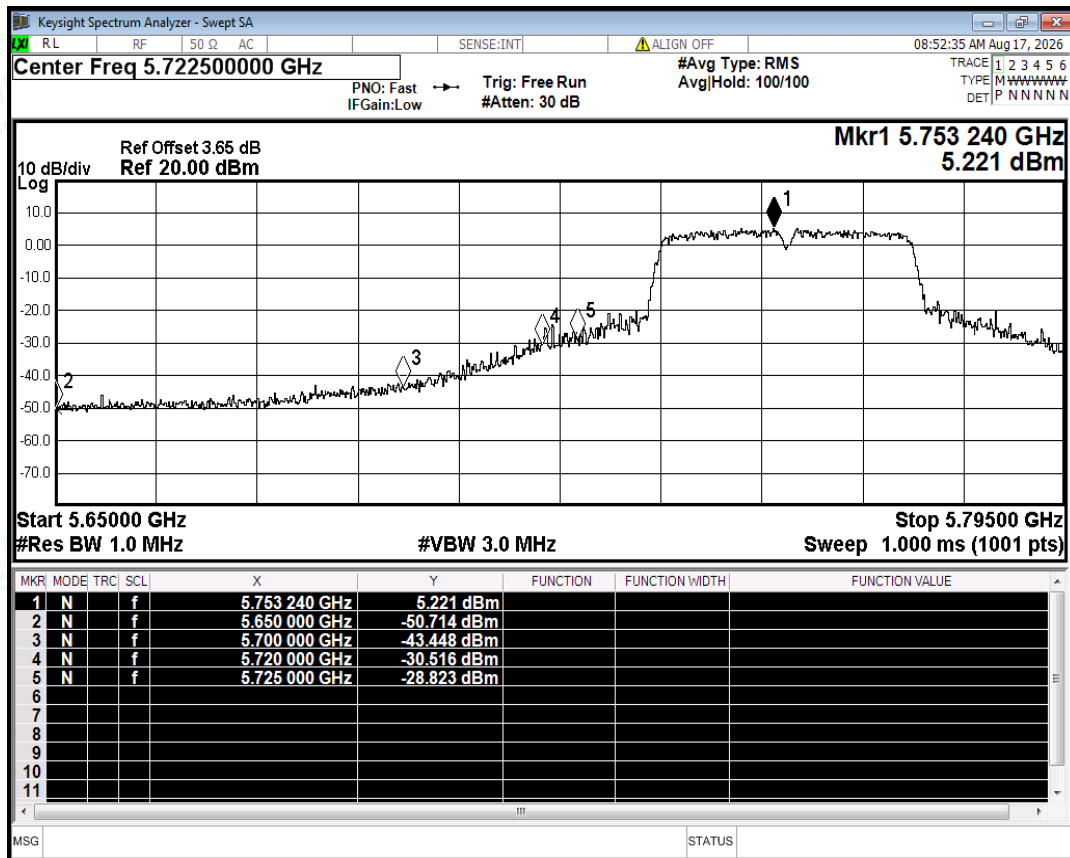
Restrict Band NVNT n20 5745MHz Ant1 Average



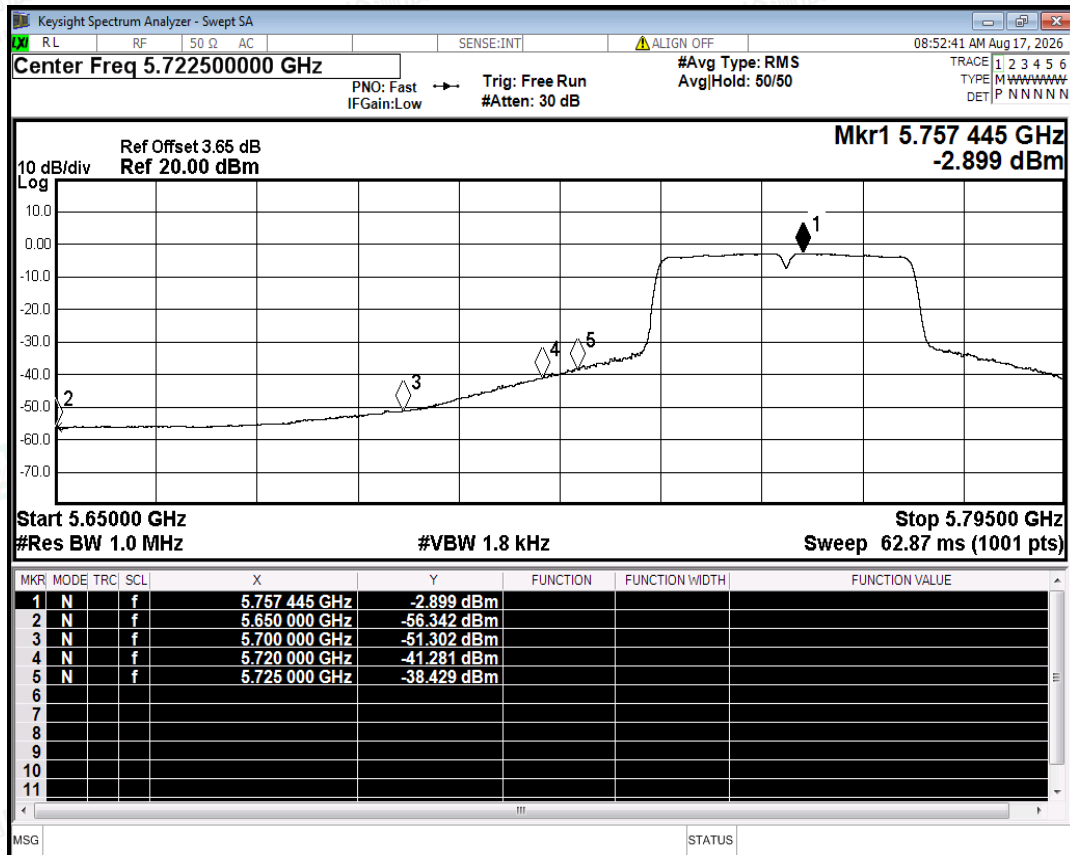
Restrict Band NVNT n20 5825MHz Ant1 Peak



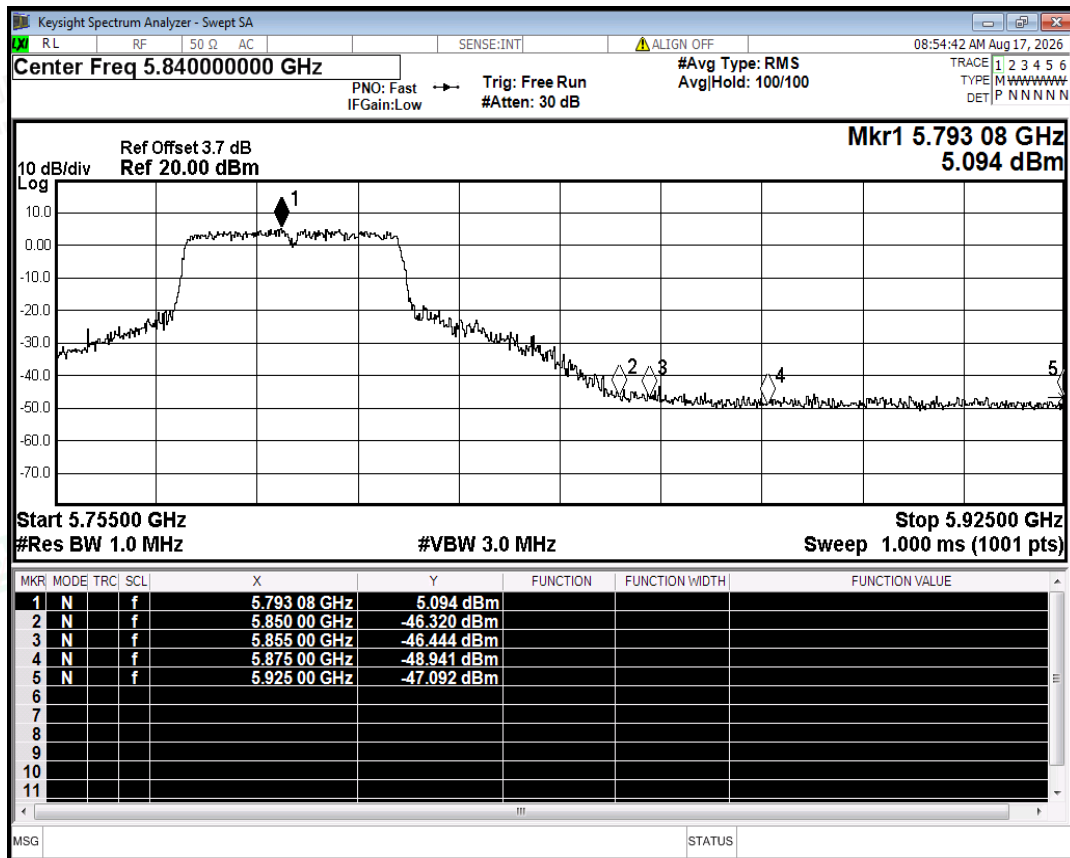
Restrict Band NVNT n20 5825MHz Ant1 Average



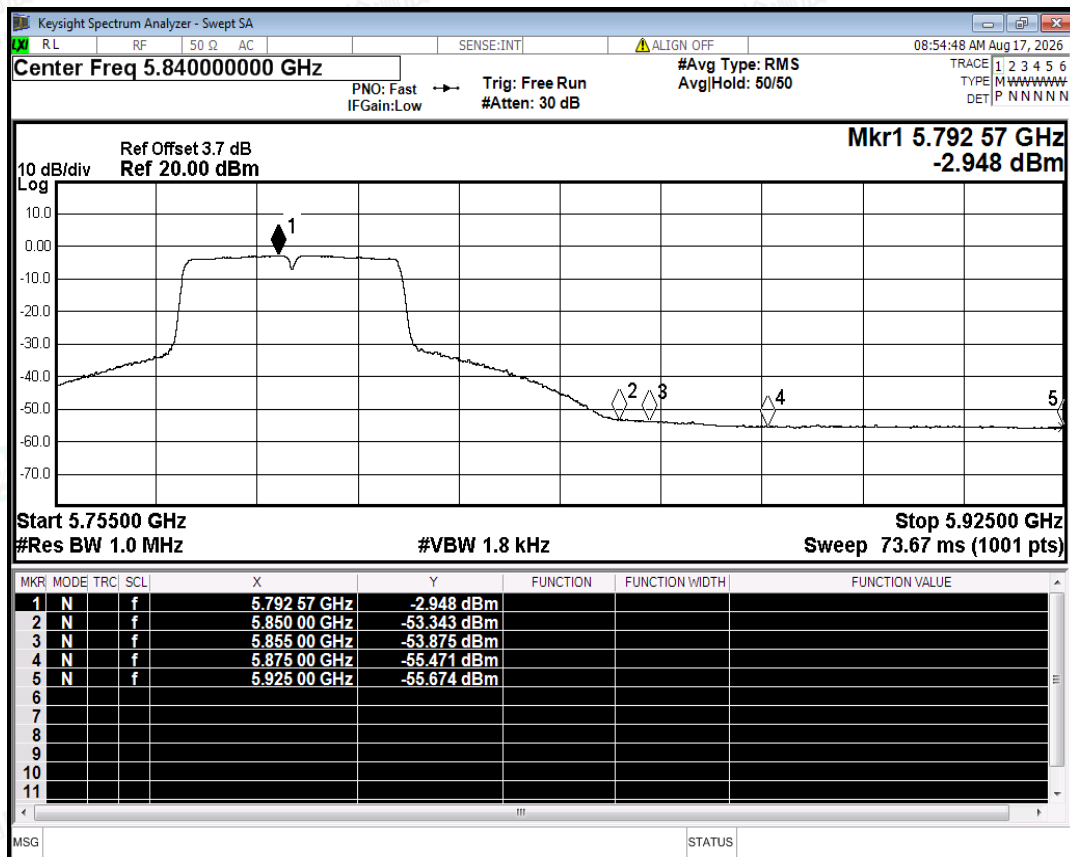
Restrict Band NVNT n40 5755MHz Ant1 Peak



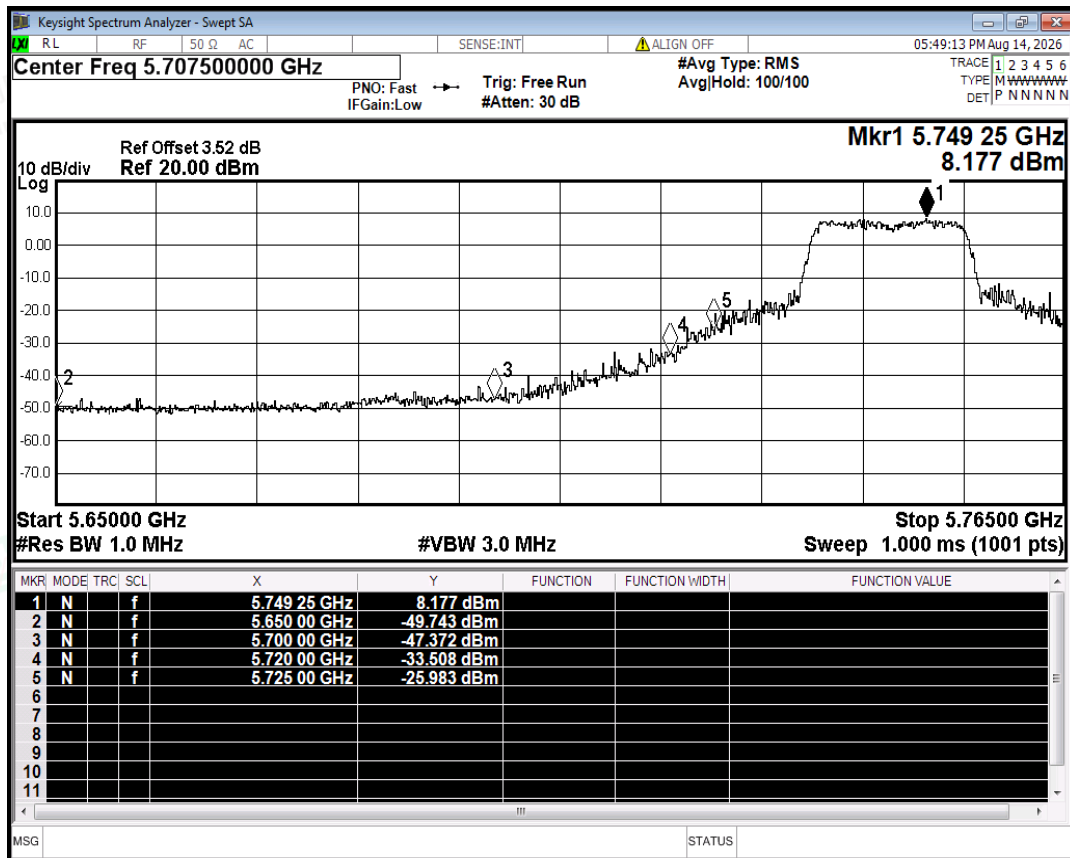
Restrict Band NVNT n40 5755MHz Ant1 Average



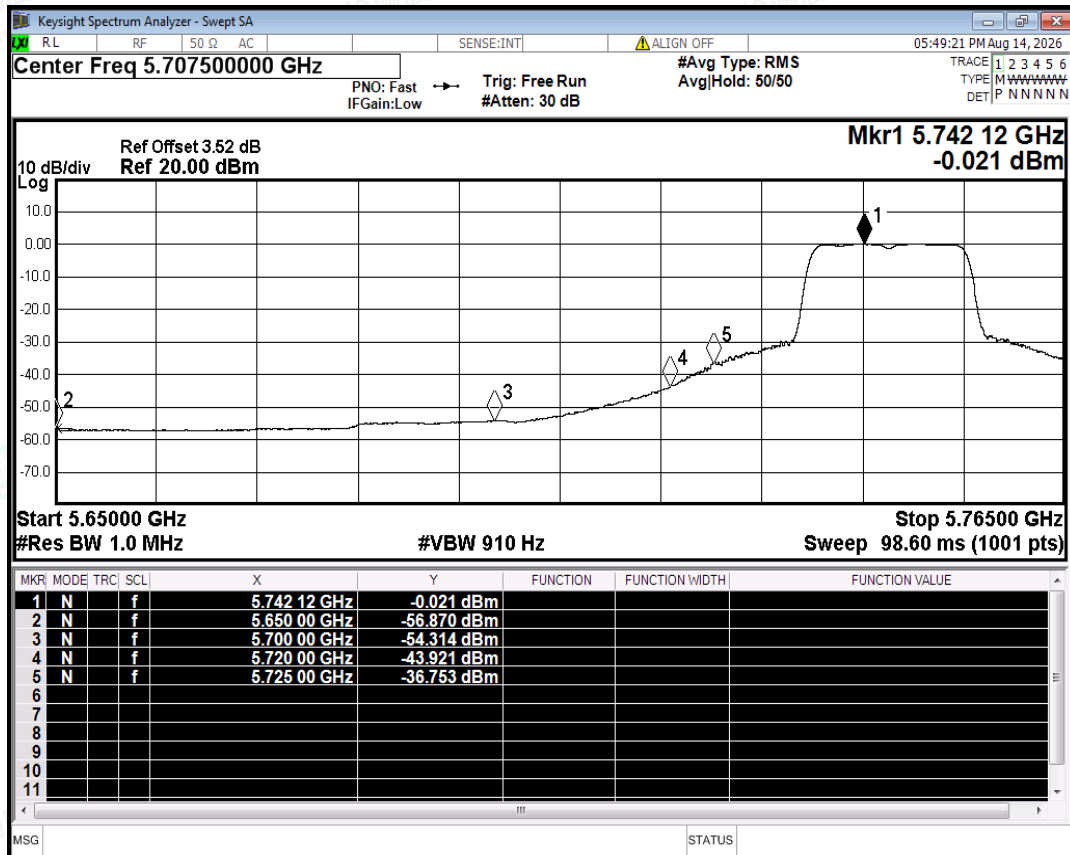
Restrict Band NVNT n40 5795MHz Ant1 Peak



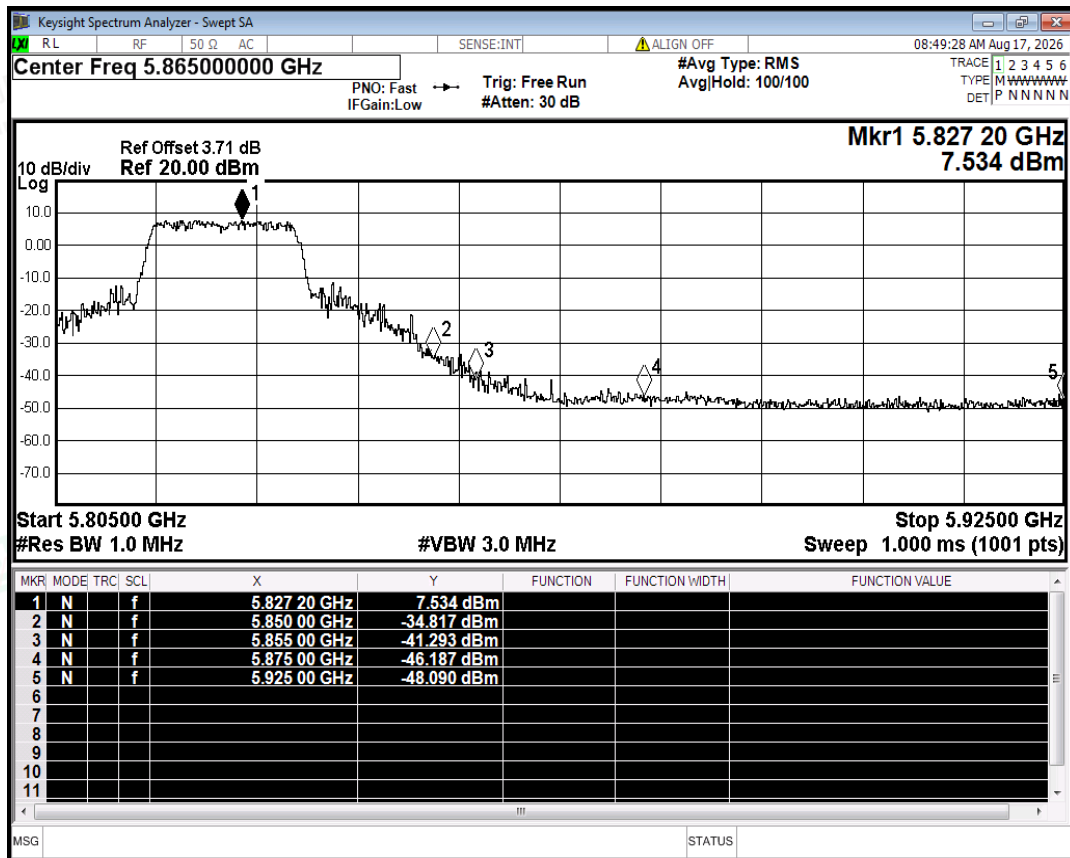
Restrict Band NVNT n40 5795MHz Ant1 Average



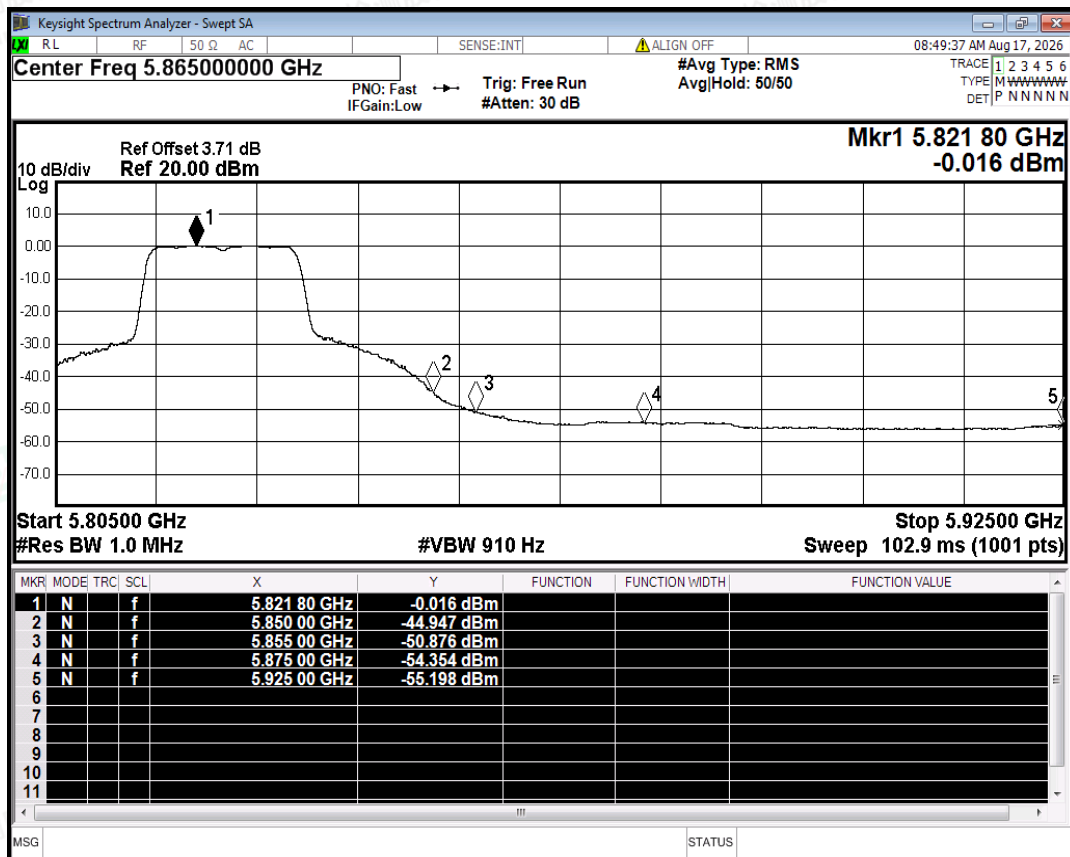
Restrict Band NVNT ac20 5745MHz Ant1 Peak



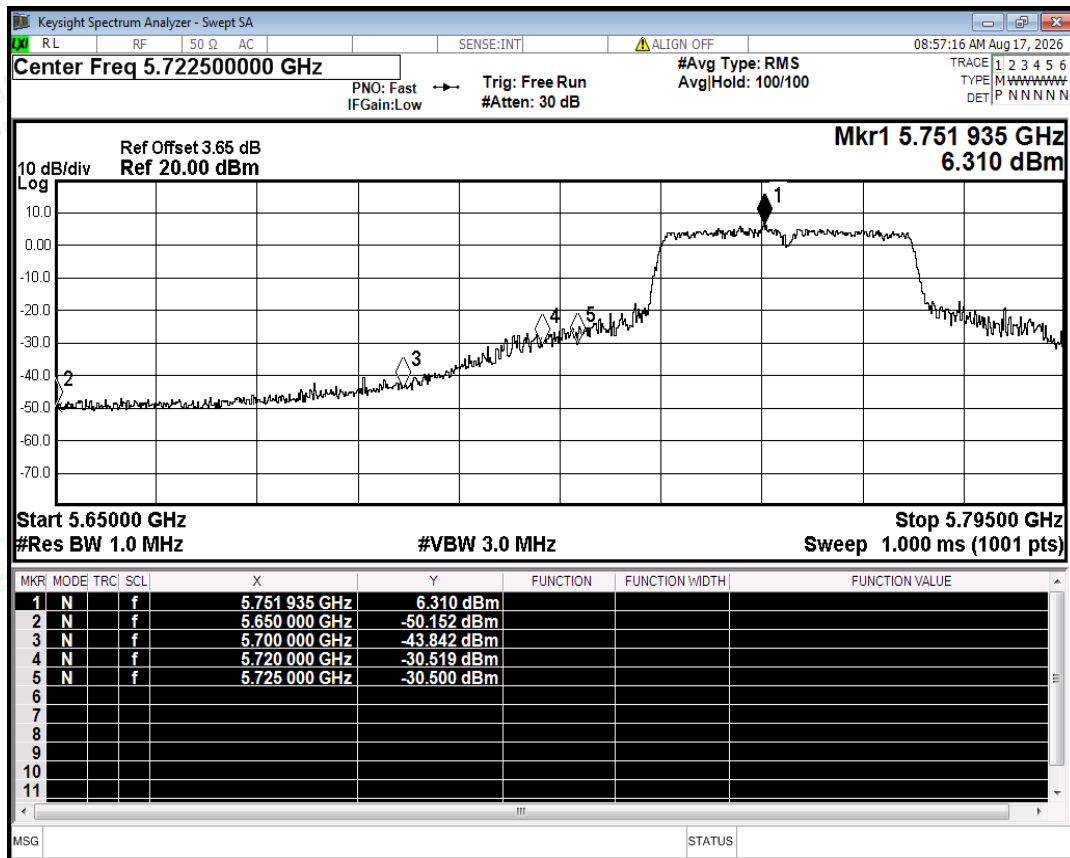
Restrict Band NVNT ac20 5745MHz Ant1 Average



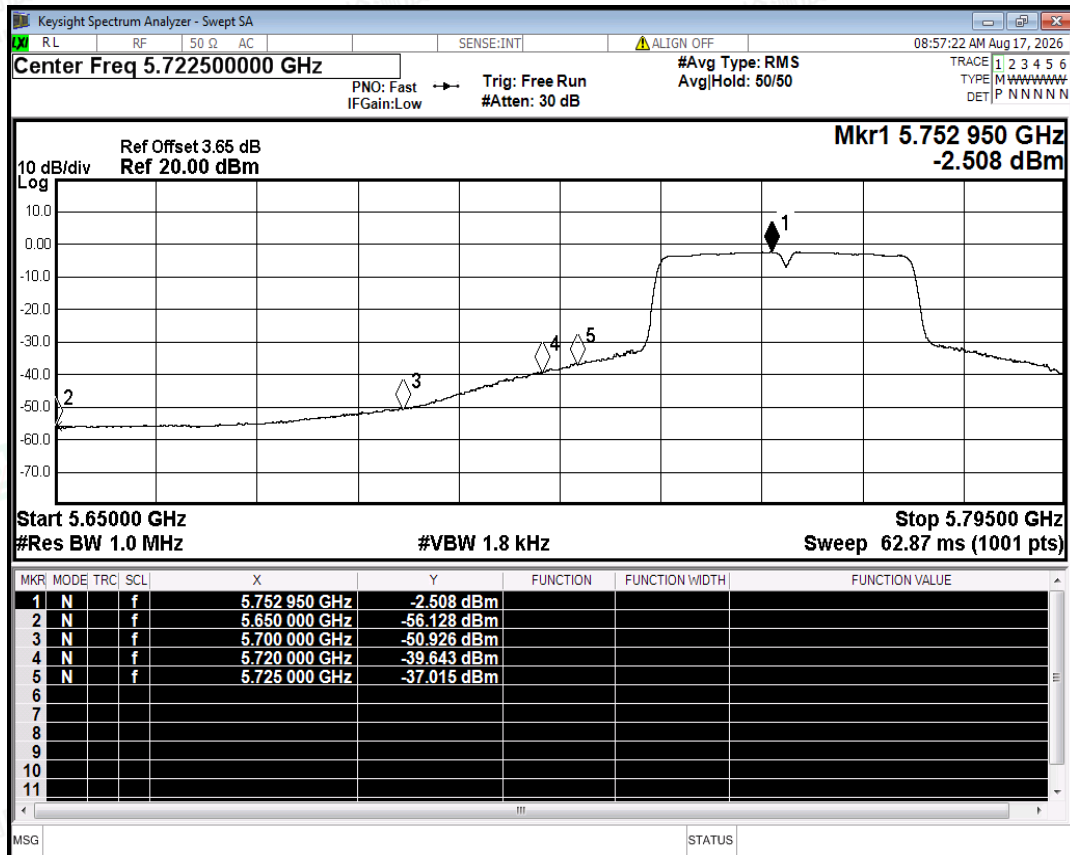
Restrict Band NVNT ac20 5825MHz Ant1 Peak



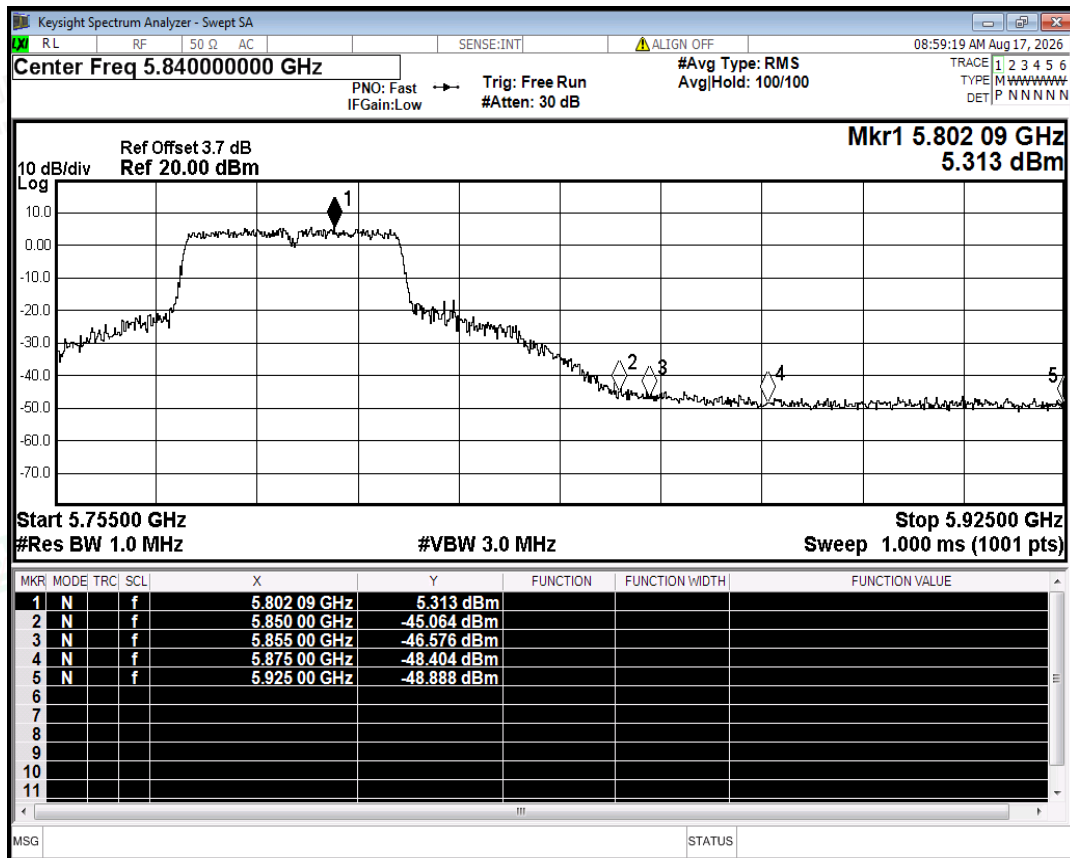
Restrict Band NVNT ac20 5825MHz Ant1 Average



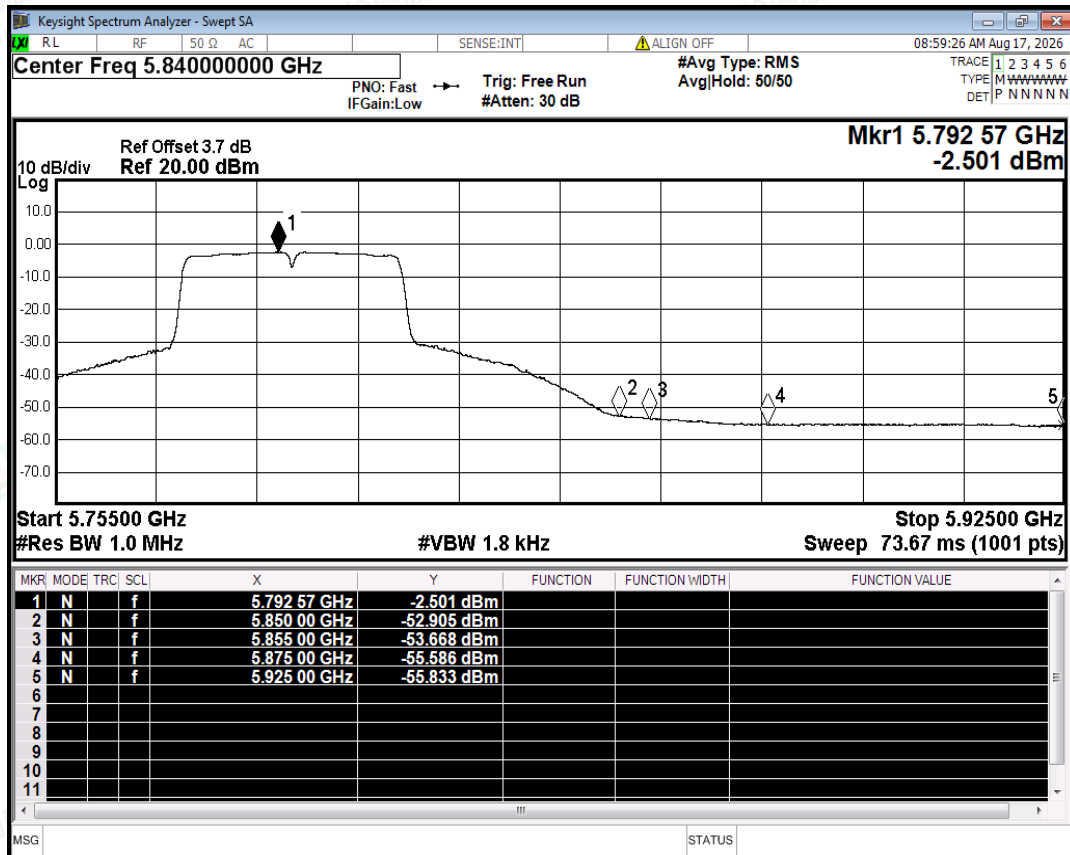
Restrict Band NVNT ac40 5755MHz Ant1 Peak



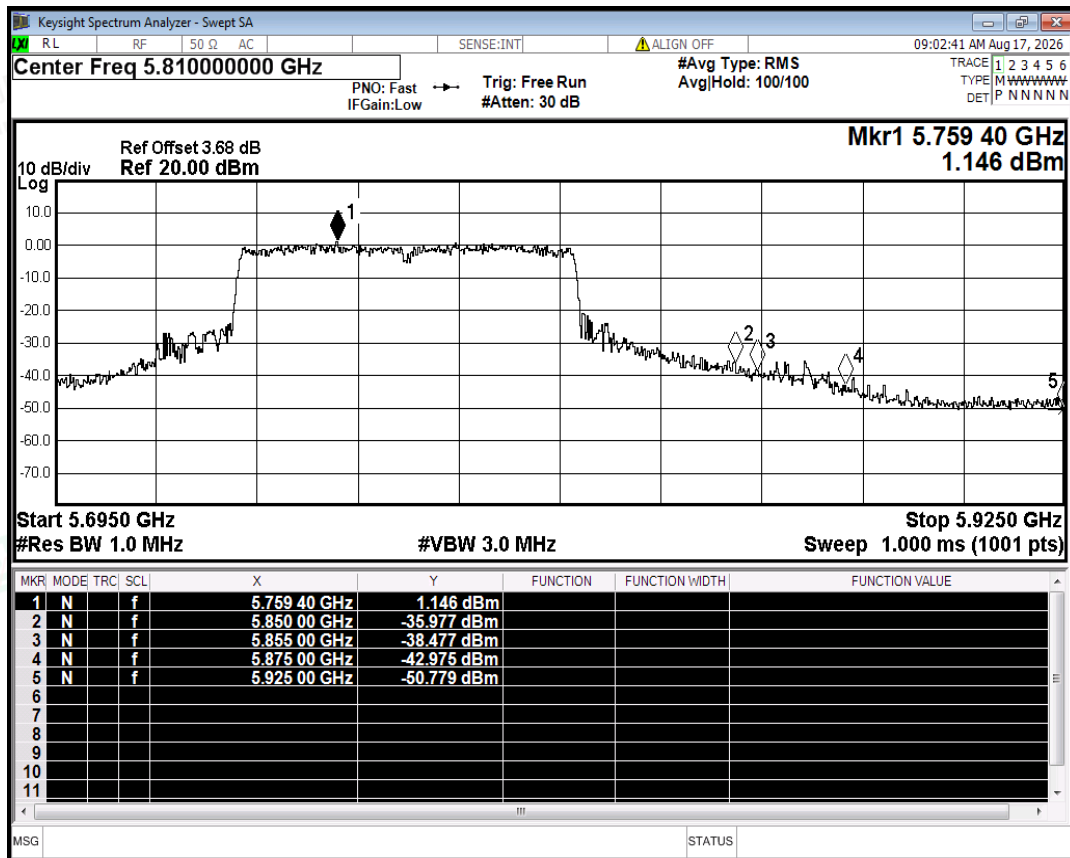
Restrict Band NVNT ac40 5755MHz Ant1 Average



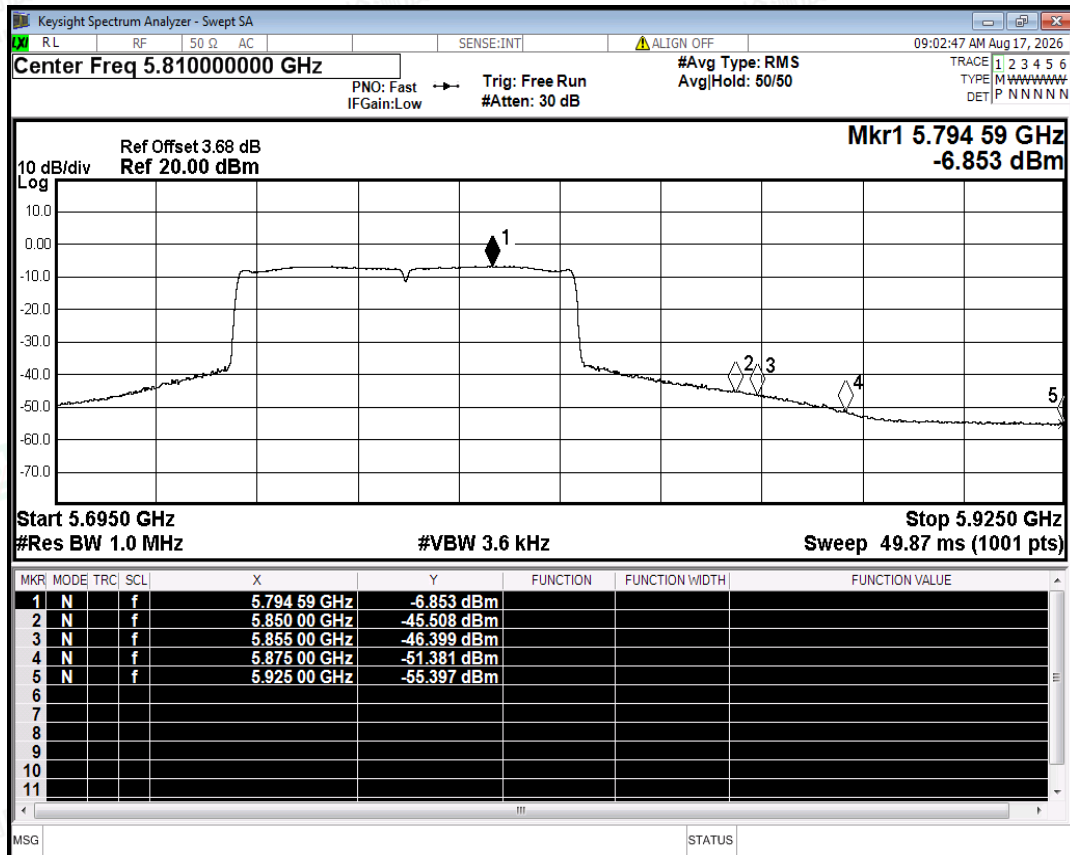
Restrict Band NVNT ac40 5795MHz Ant1 Peak



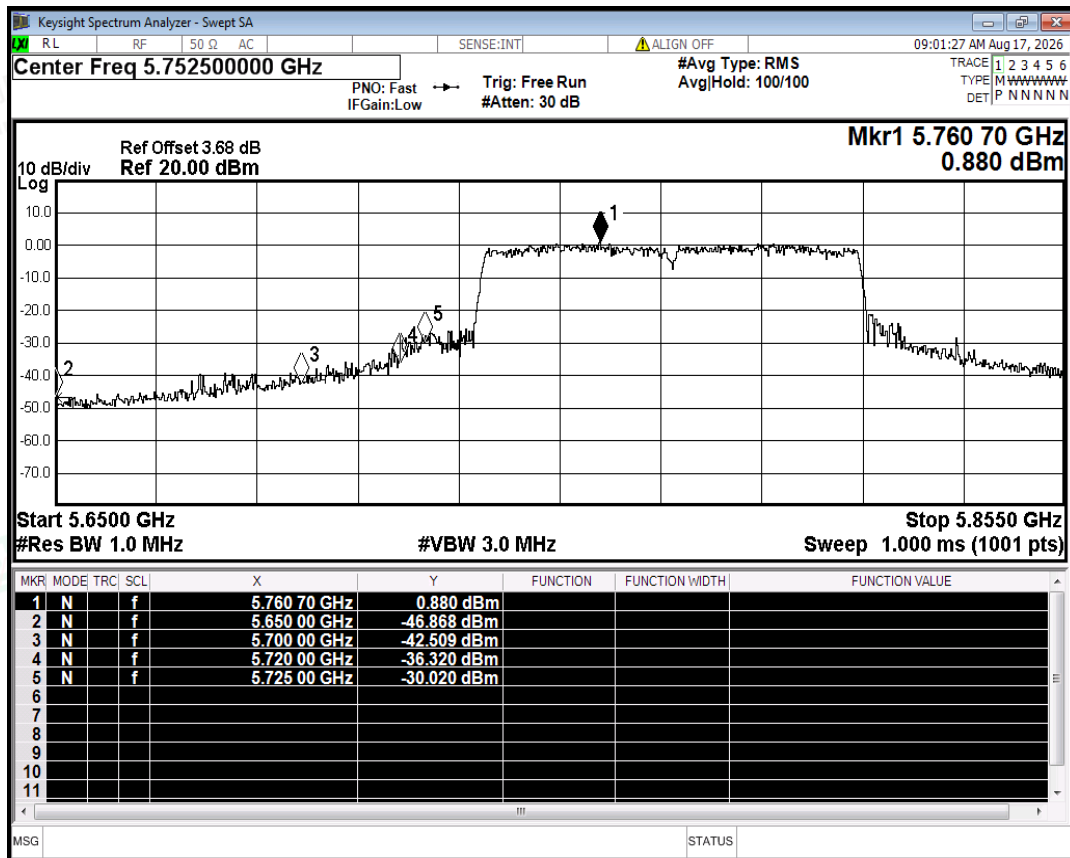
Restrict Band NVNT ac40 5795MHz Ant1 Average



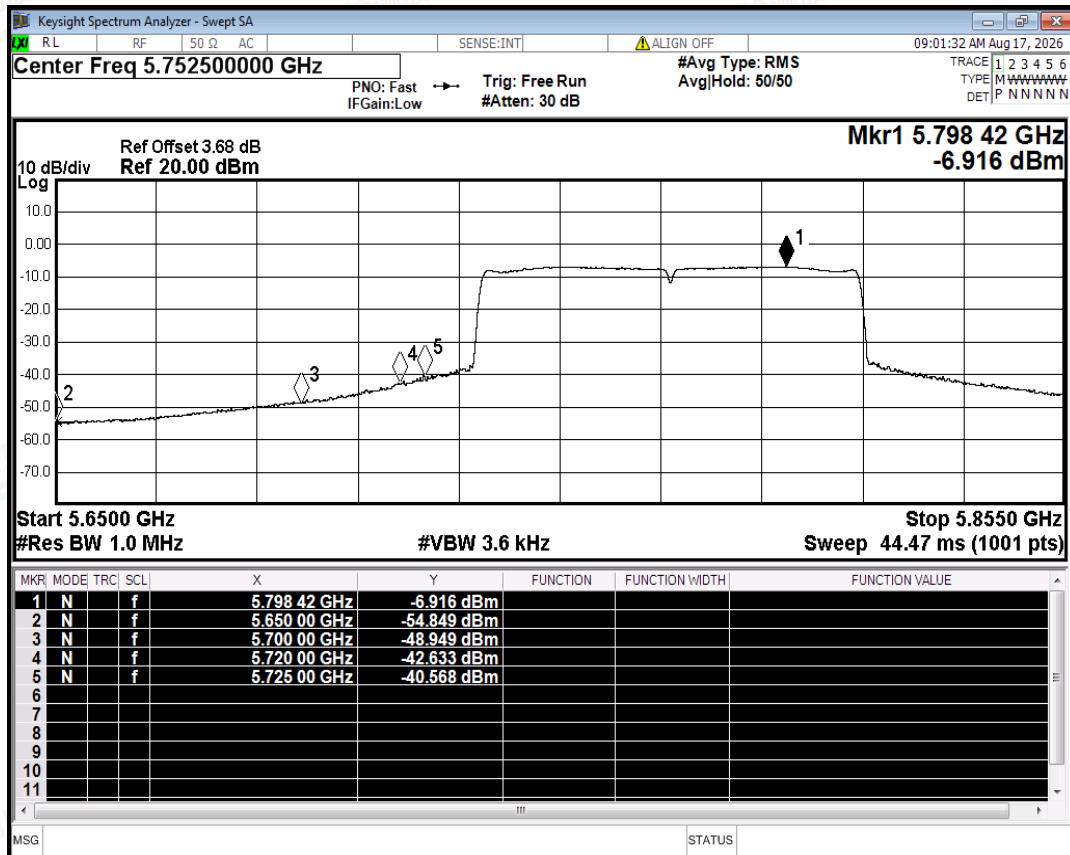
Restrict Band NVNT ac80 5775MHz Ant1 Peak



Restrict Band NVNT ac80 5775MHz Ant1 Average



Restrict Band NVNT ac80 5775MHz Ant1 Peak

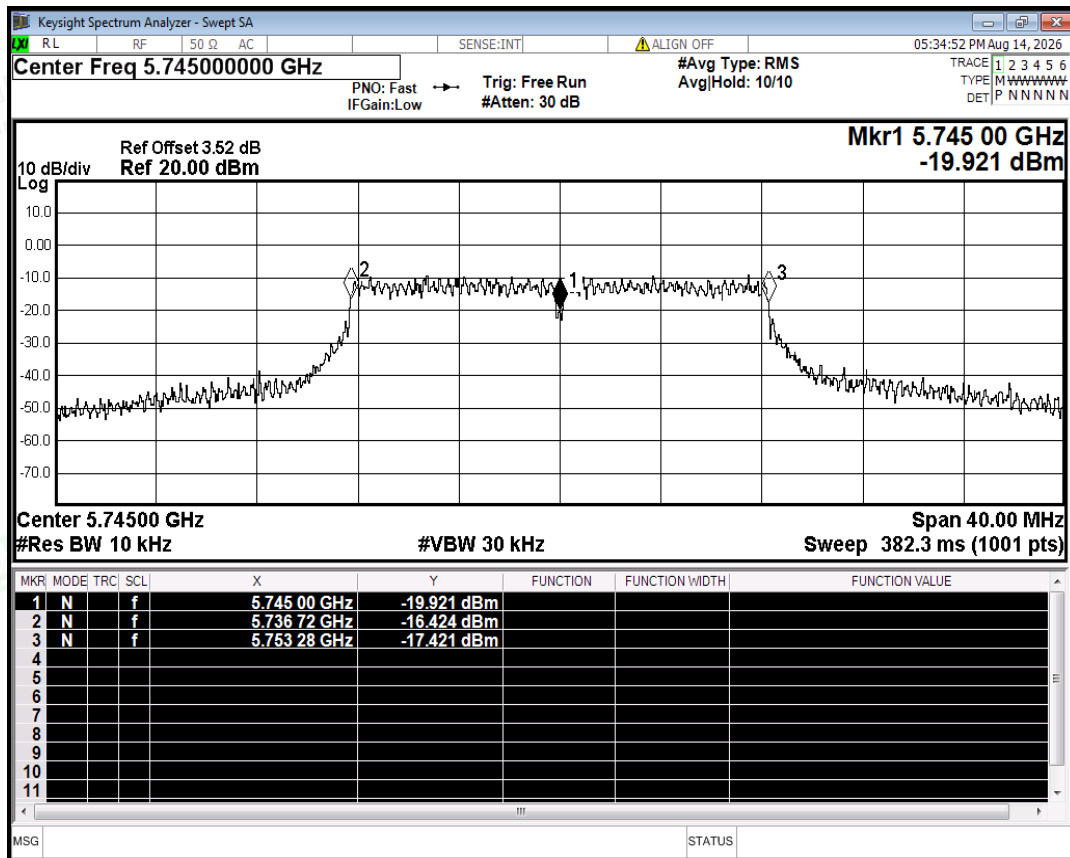


Restrict Band NVNT ac80 5775MHz Ant1 Average

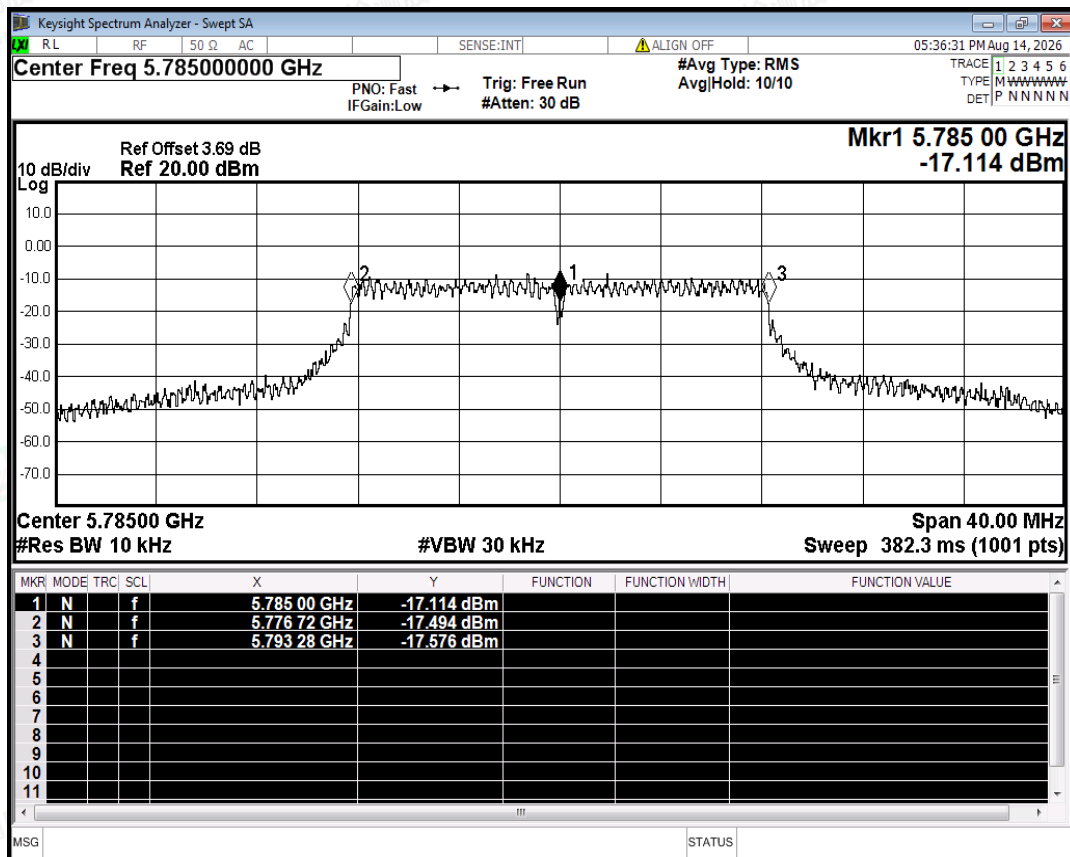


## F.5 Frequency Stability

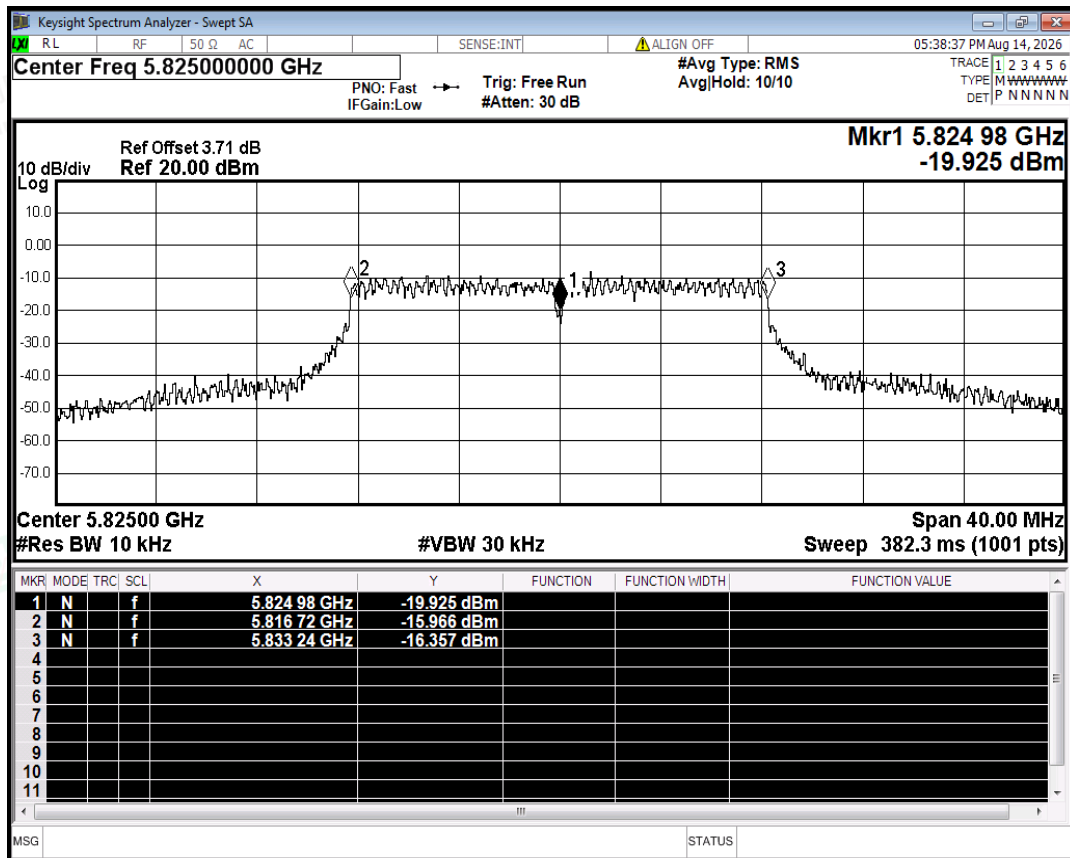
| Condition | Mode | Frequency (MHz) | Antenna | Measured Frequency (MHz) | Frequency Error (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
|-----------|------|-----------------|---------|--------------------------|----------------------|-----------------|-------------|---------|
| NVNT      | a    | 5745            | Ant1    | 5745                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5785            | Ant1    | 5785                     | 0                    | 0               | 25          | Pass    |
| NVNT      | a    | 5825            | Ant1    | 5824.98                  | -20000               | -3.43           | 25          | Pass    |
| NVNT      | n20  | 5745            | Ant1    | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | n20  | 5785            | Ant1    | 5785                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n20  | 5825            | Ant1    | 5825                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n40  | 5755            | Ant1    | 5755                     | 0                    | 0               | 25          | Pass    |
| NVNT      | n40  | 5795            | Ant1    | 5795                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac20 | 5745            | Ant1    | 5744.98                  | -20000               | -3.48           | 25          | Pass    |
| NVNT      | ac20 | 5785            | Ant1    | 5784.98                  | -20000               | -3.46           | 25          | Pass    |
| NVNT      | ac20 | 5825            | Ant1    | 5825                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac40 | 5755            | Ant1    | 5755                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac40 | 5795            | Ant1    | 5795                     | 0                    | 0               | 25          | Pass    |
| NVNT      | ac80 | 5775            | Ant1    | 5775                     | 0                    | 0               | 25          | Pass    |



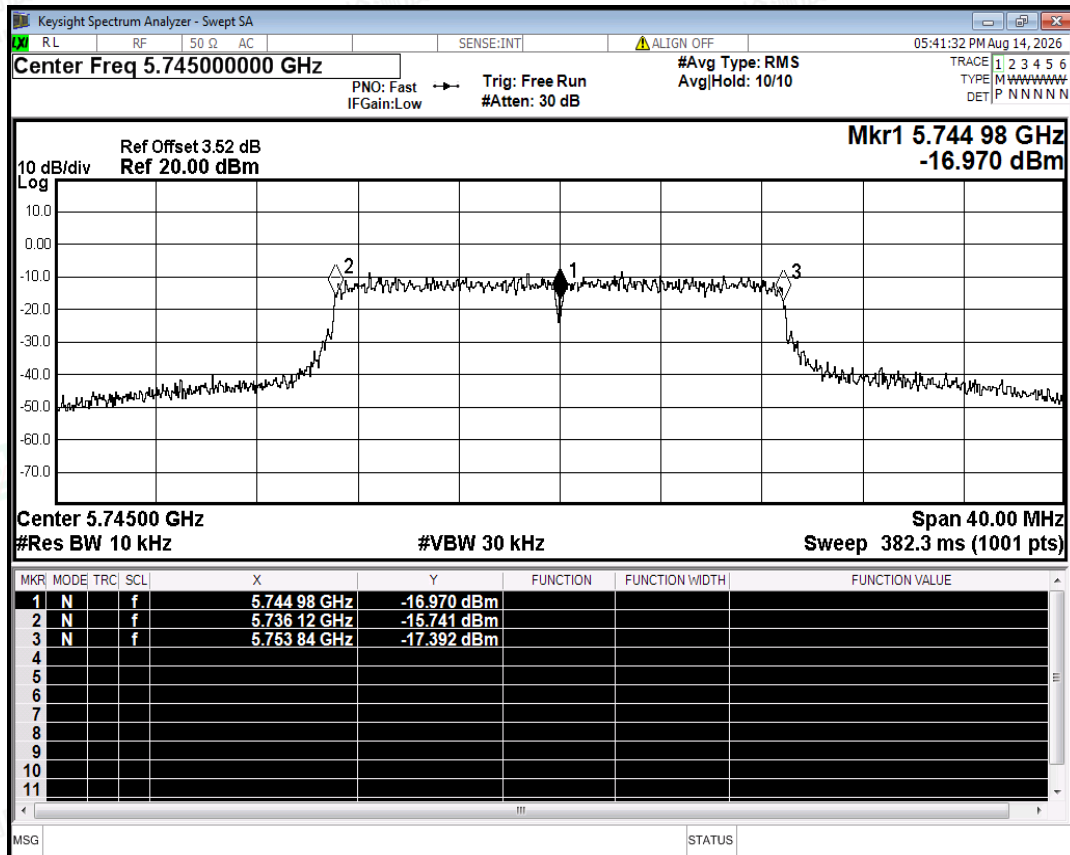
Freq. Stability NVNT a 5745MHz Ant1



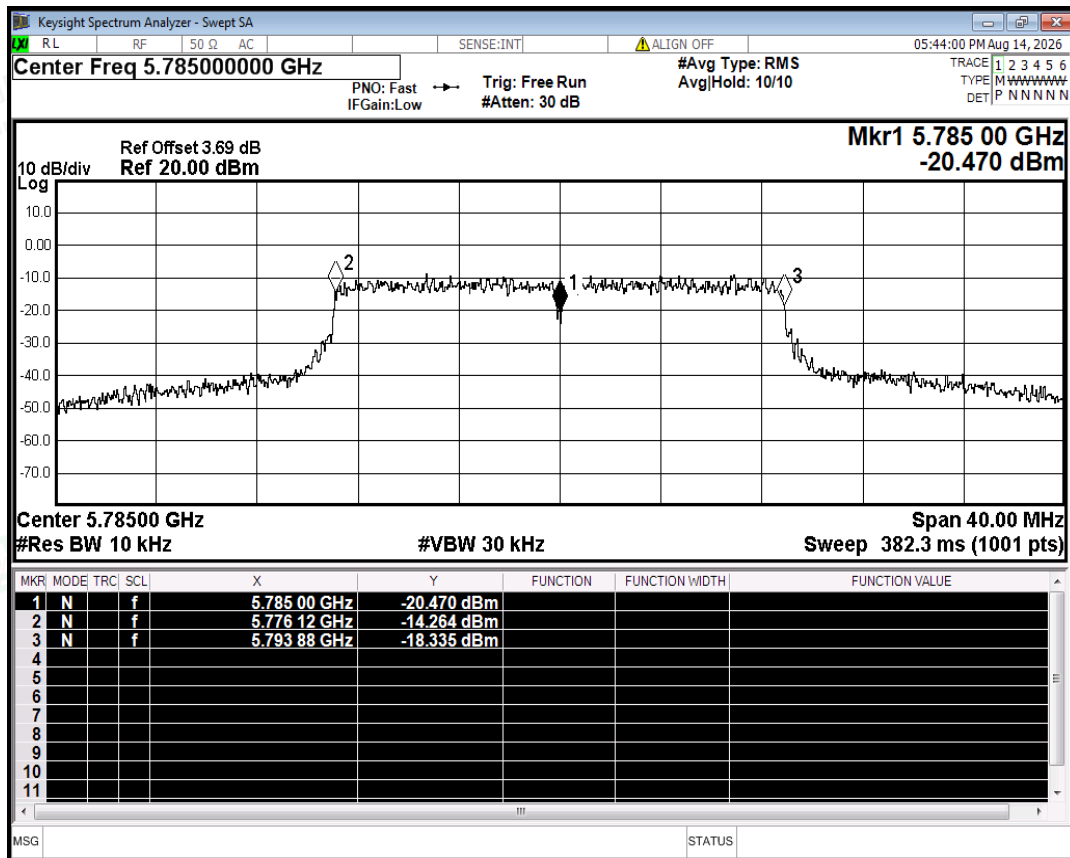
Freq. Stability NVNT a 5785MHz Ant1



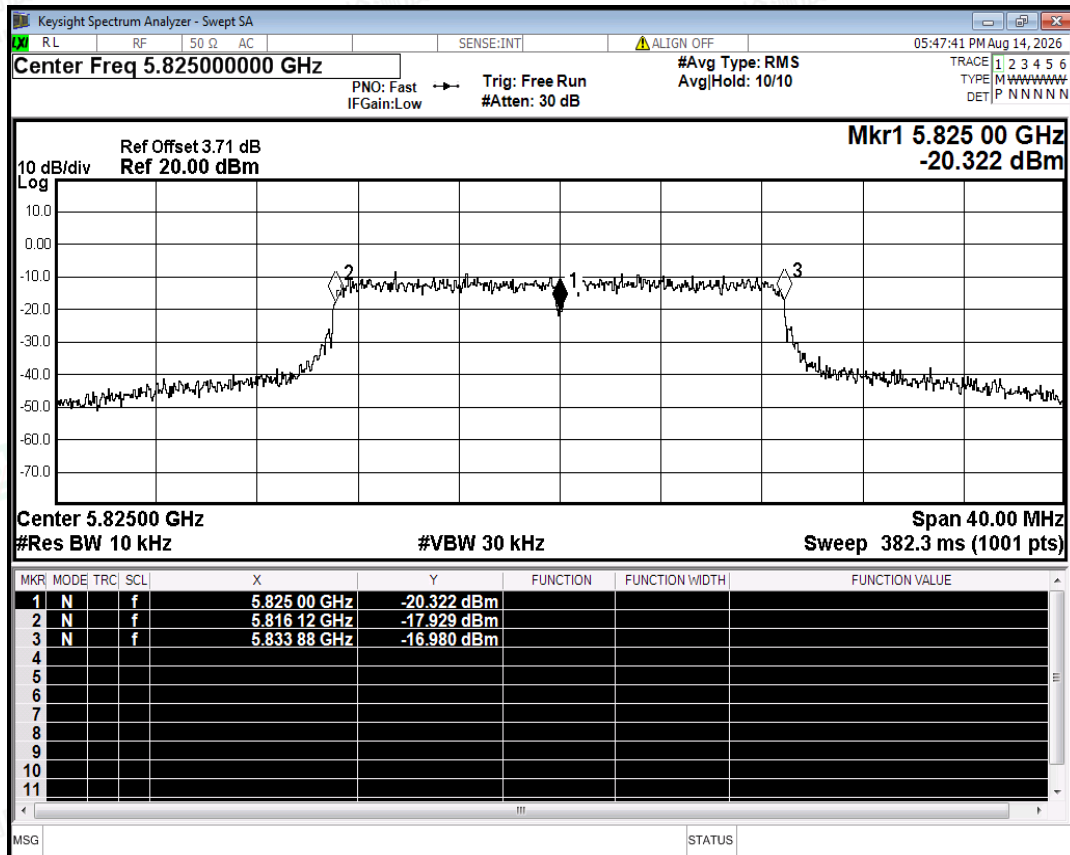
Freq. Stability NVNT a 5825MHz Ant1



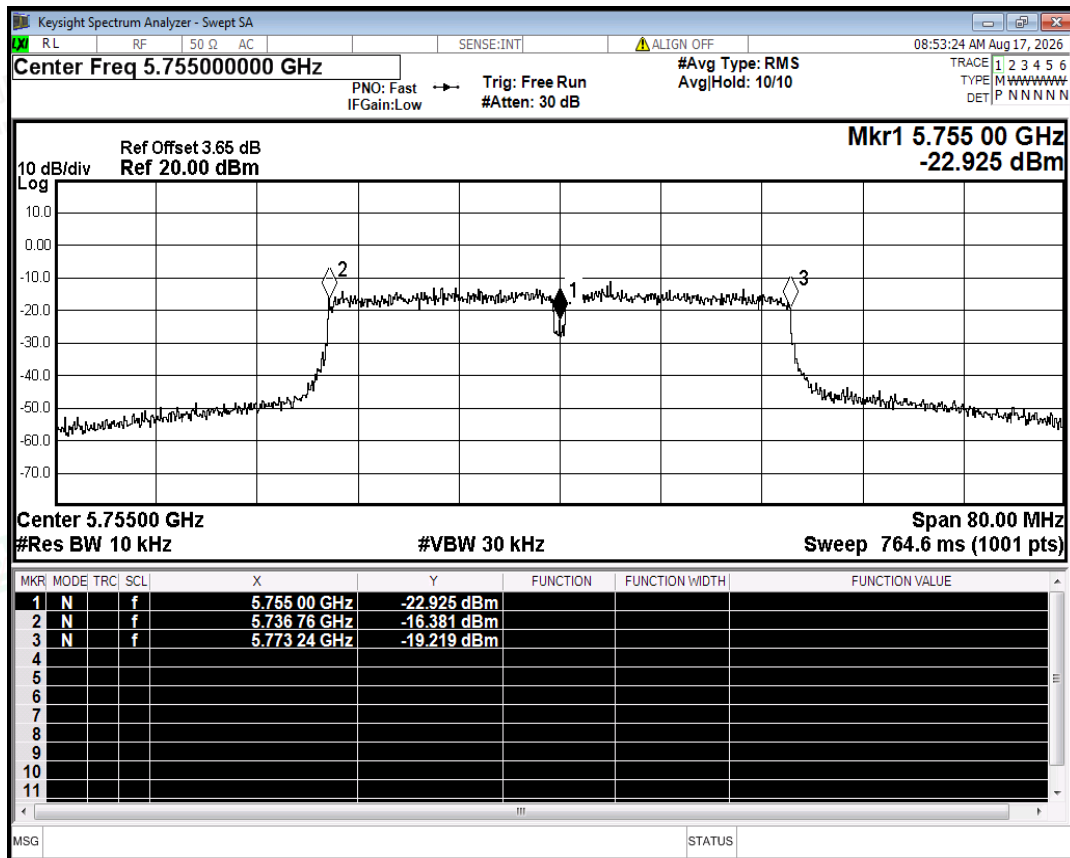
Freq. Stability NVNT n20 5745MHz Ant1



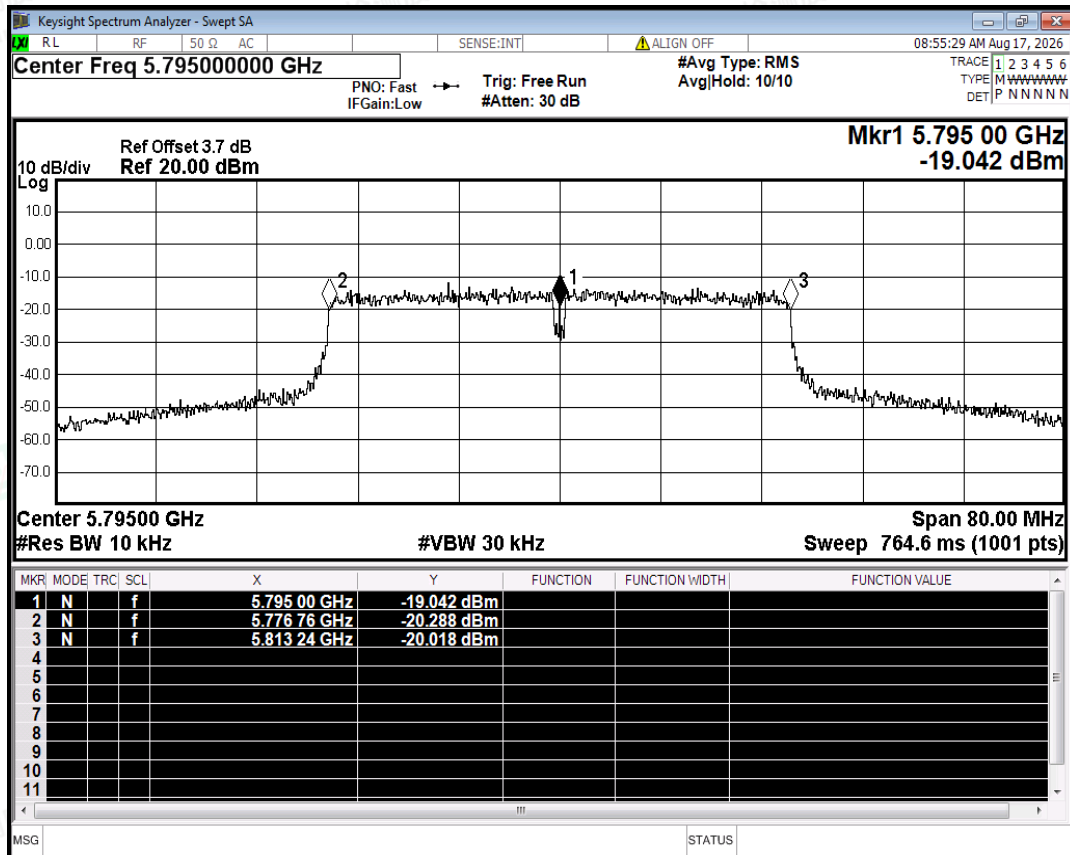
Freq. Stability NVNT n20 5785MHz Ant1



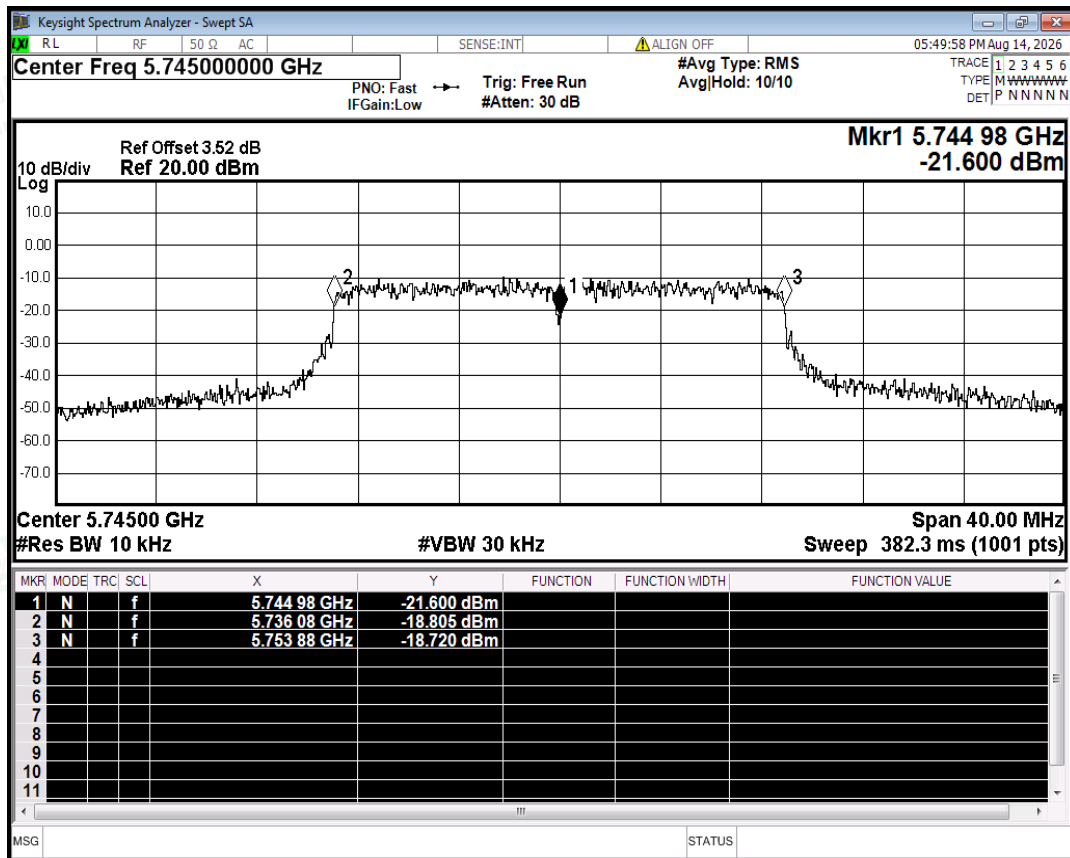
Freq. Stability NVNT n20 5825MHz Ant1



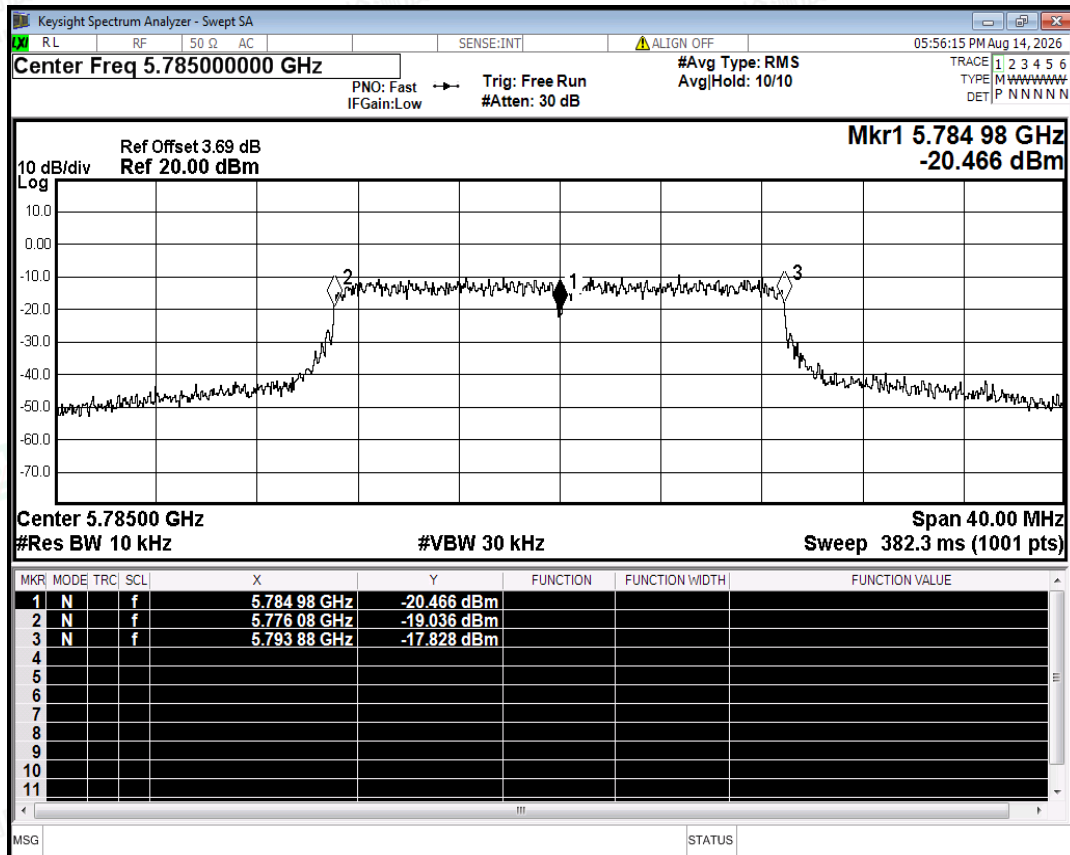
Freq. Stability NVNT n40 5755MHz Ant1



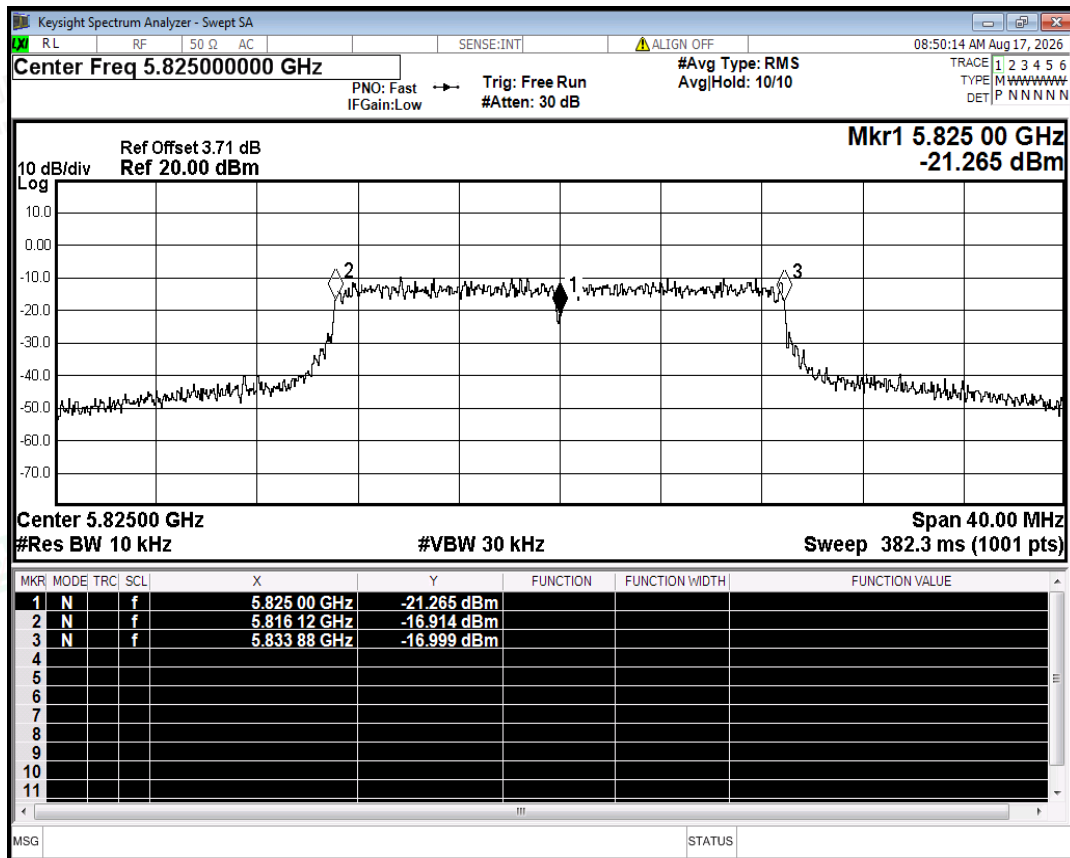
Freq. Stability NVNT n40 5795MHz Ant1



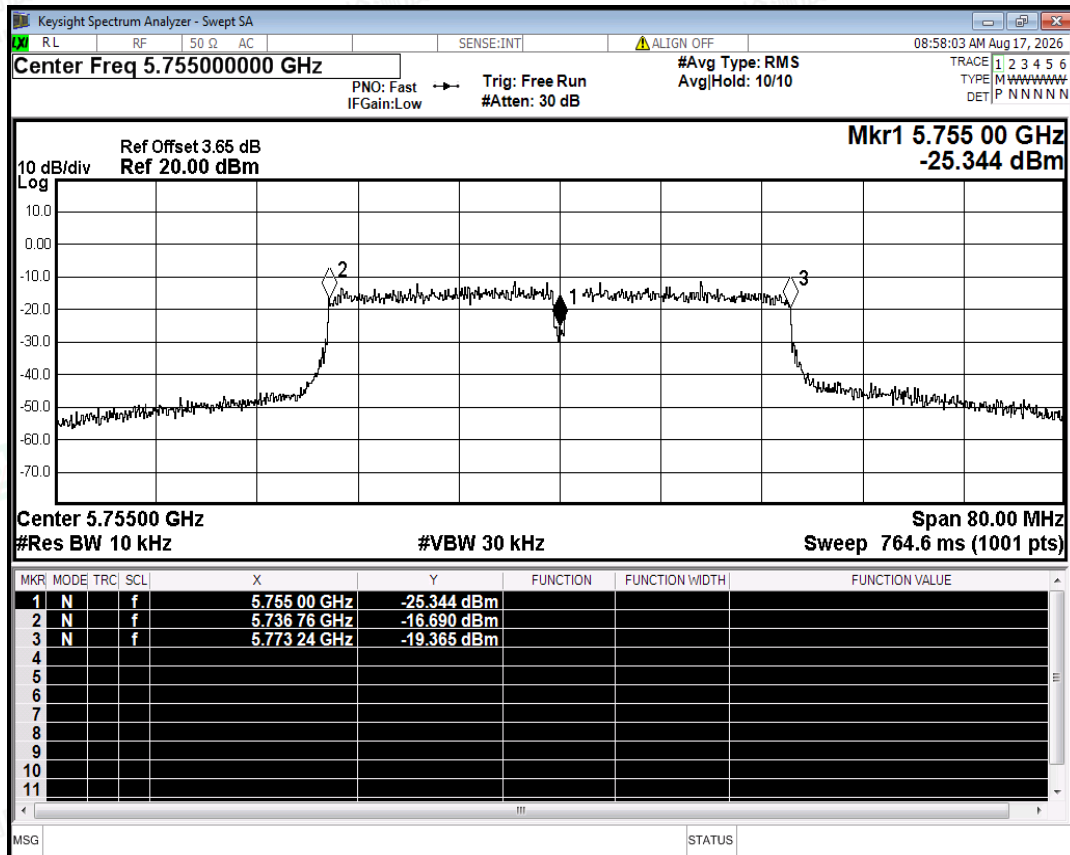
Freq. Stability NVNT ac20 5745MHz Ant1



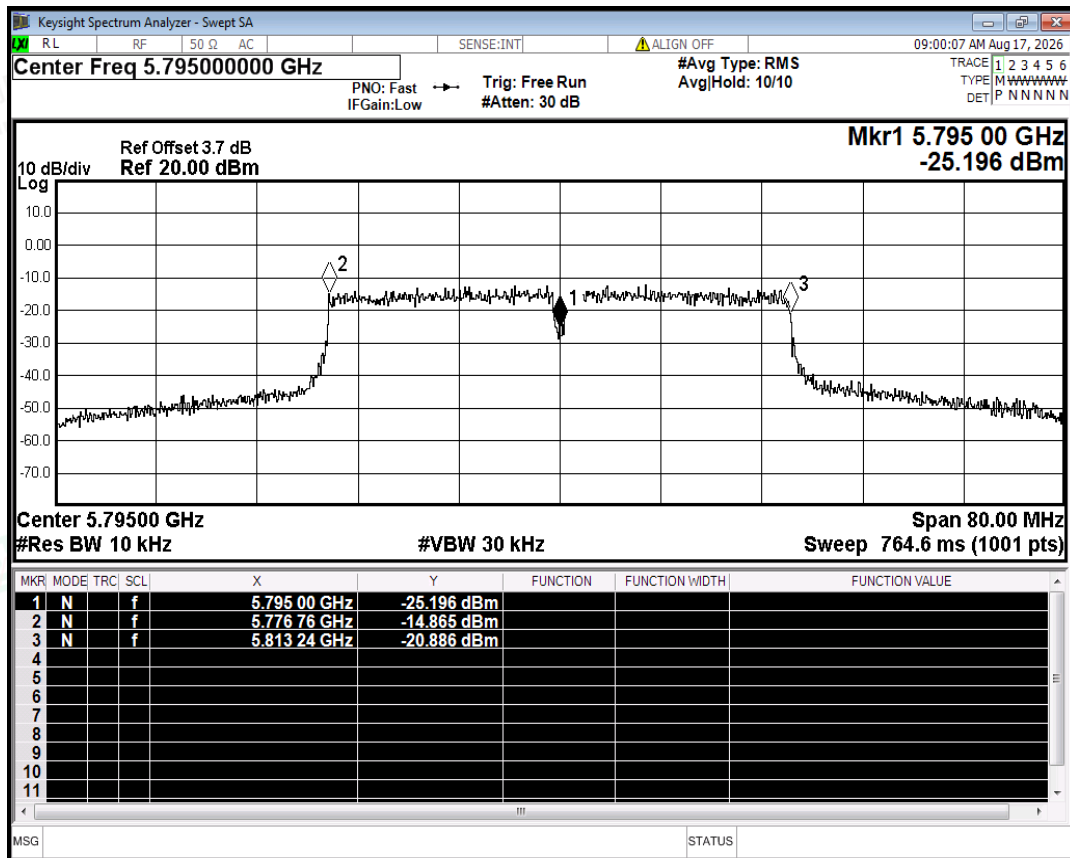
Freq. Stability NVNT ac20 5785MHz Ant1



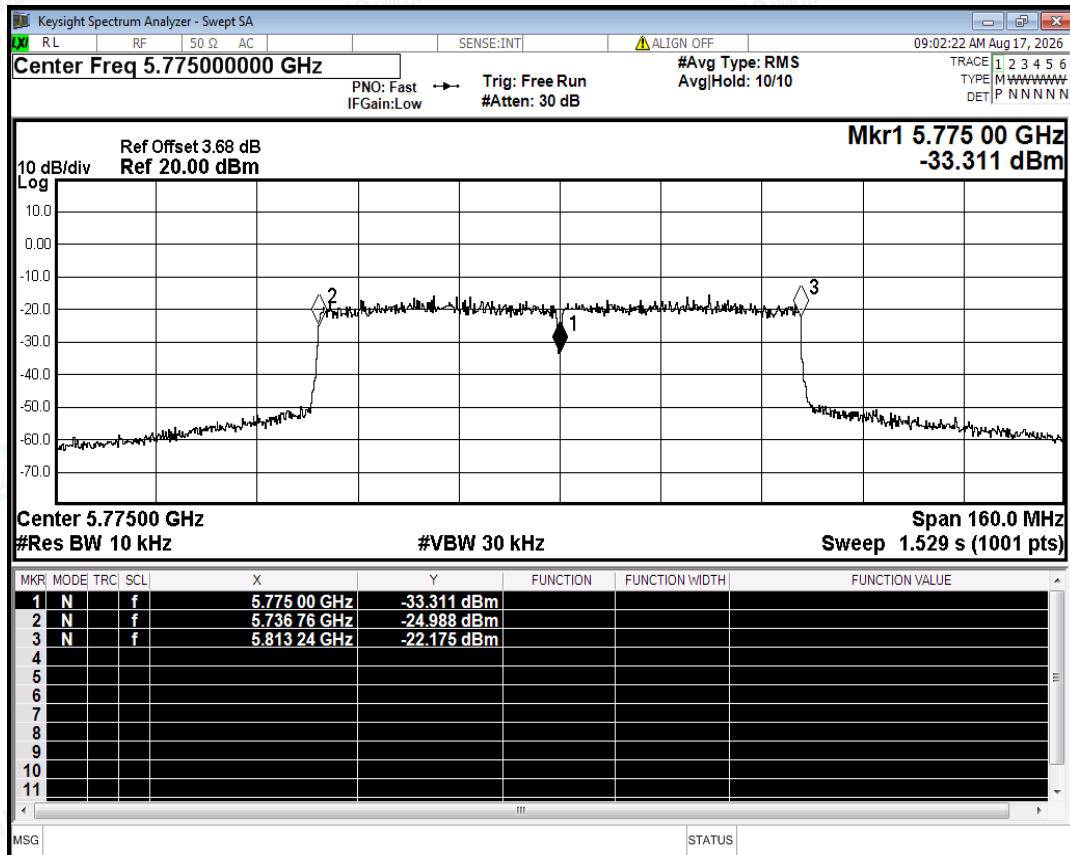
Freq. Stability NVNT ac20 5825MHz Ant1



Freq. Stability NVNT ac40 5755MHz Ant1



Freq. Stability NVNT ac40 5795MHz Ant1

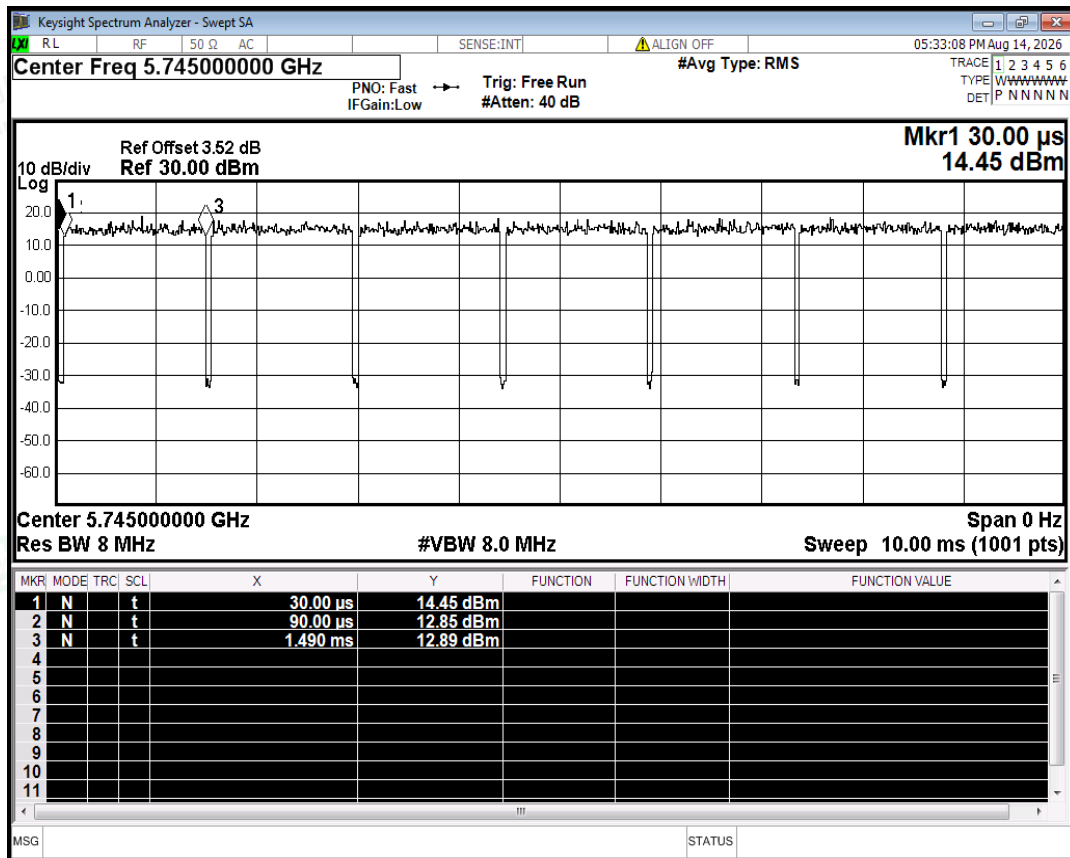


Freq. Stability NVNT ac80 5775MHz Ant1

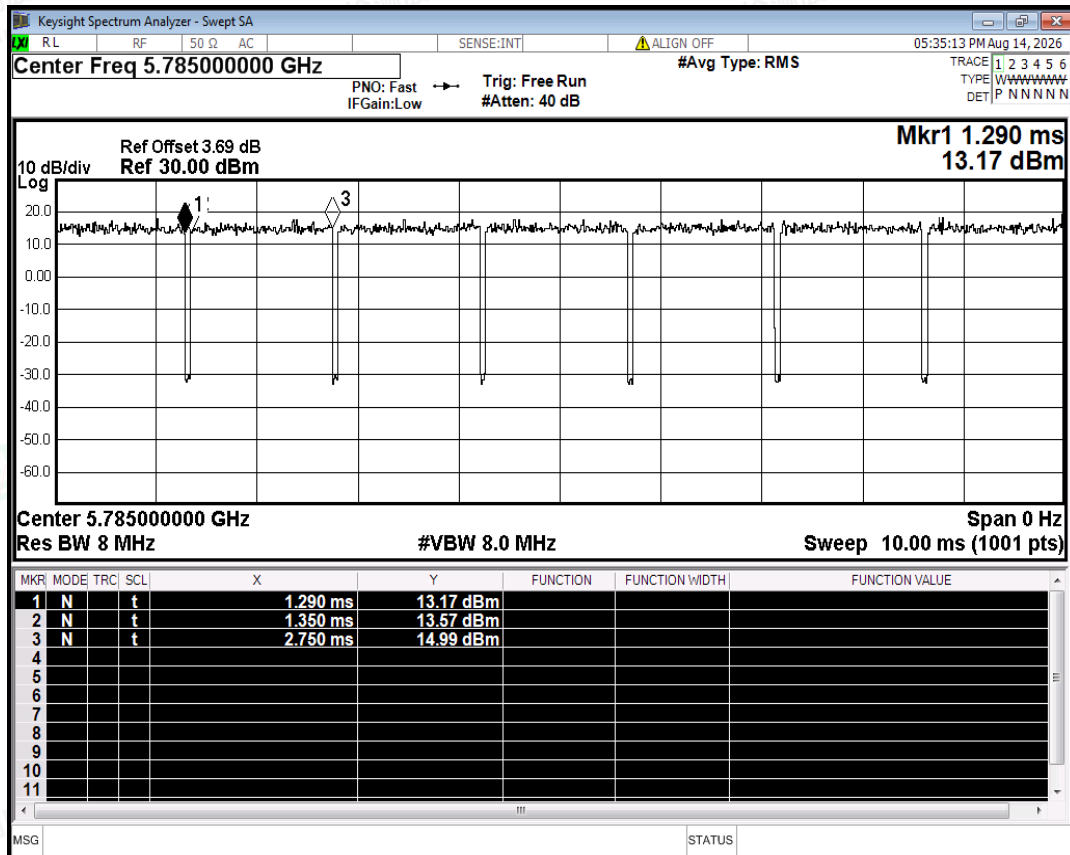


## F.6 Duty Cycle

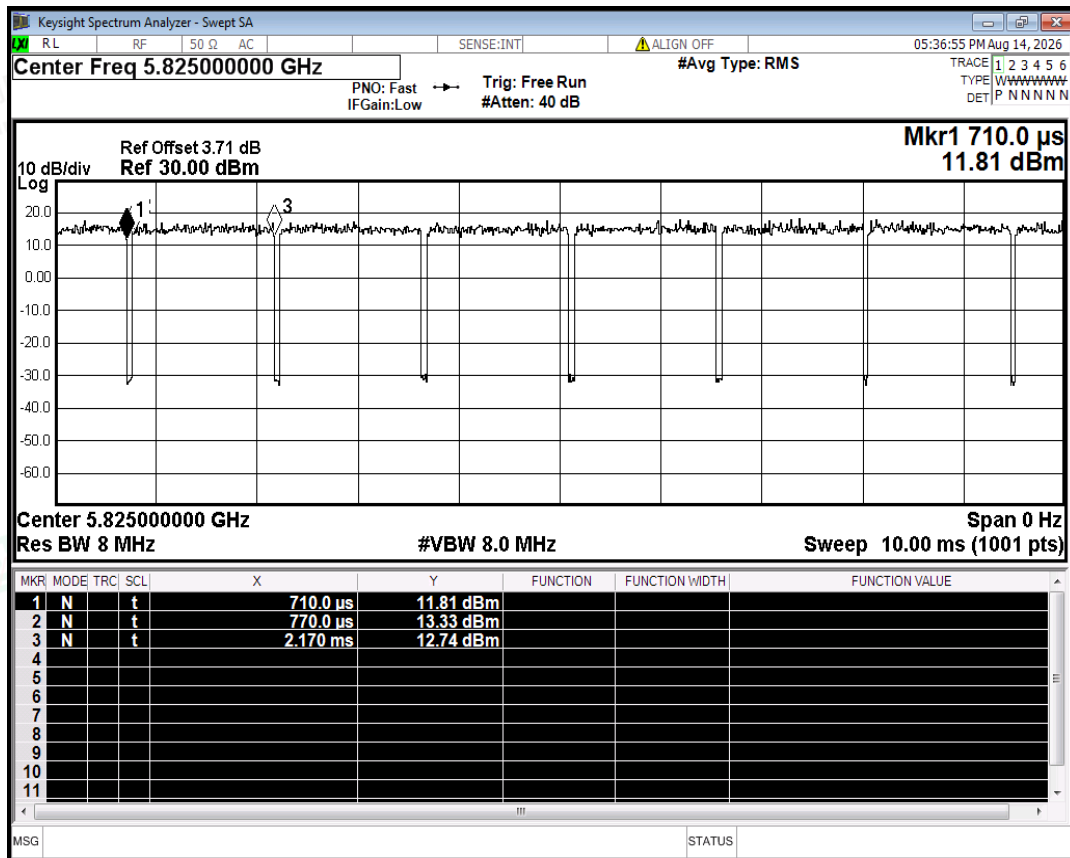
| Condition | Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor (dB) | 1/T (kHz) |
|-----------|------|-----------------|---------|----------------|------------------------|-----------|
| NVNT      | a    | 5745            | Ant1    | 95.89          | 0.18                   | 0.71      |
| NVNT      | a    | 5785            | Ant1    | 95.89          | 0.18                   | 0.71      |
| NVNT      | a    | 5825            | Ant1    | 95.89          | 0.18                   | 0.71      |
| NVNT      | n20  | 5745            | Ant1    | 95.16          | 0.22                   | 0.85      |
| NVNT      | n20  | 5785            | Ant1    | 95.16          | 0.22                   | 0.85      |
| NVNT      | n20  | 5825            | Ant1    | 94.4           | 0.25                   | 0.85      |
| NVNT      | n40  | 5755            | Ant1    | 90.77          | 0.42                   | 1.69      |
| NVNT      | n40  | 5795            | Ant1    | 89.23          | 0.49                   | 1.72      |
| NVNT      | ac20 | 5745            | Ant1    | 95.2           | 0.21                   | 0.84      |
| NVNT      | ac20 | 5785            | Ant1    | 94.44          | 0.25                   | 0.84      |
| NVNT      | ac20 | 5825            | Ant1    | 95.2           | 0.21                   | 0.84      |
| NVNT      | ac40 | 5755            | Ant1    | 90.91          | 0.41                   | 1.67      |
| NVNT      | ac40 | 5795            | Ant1    | 89.39          | 0.49                   | 1.69      |
| NVNT      | ac80 | 5775            | Ant1    | 83.33          | 0.79                   | 3.33      |



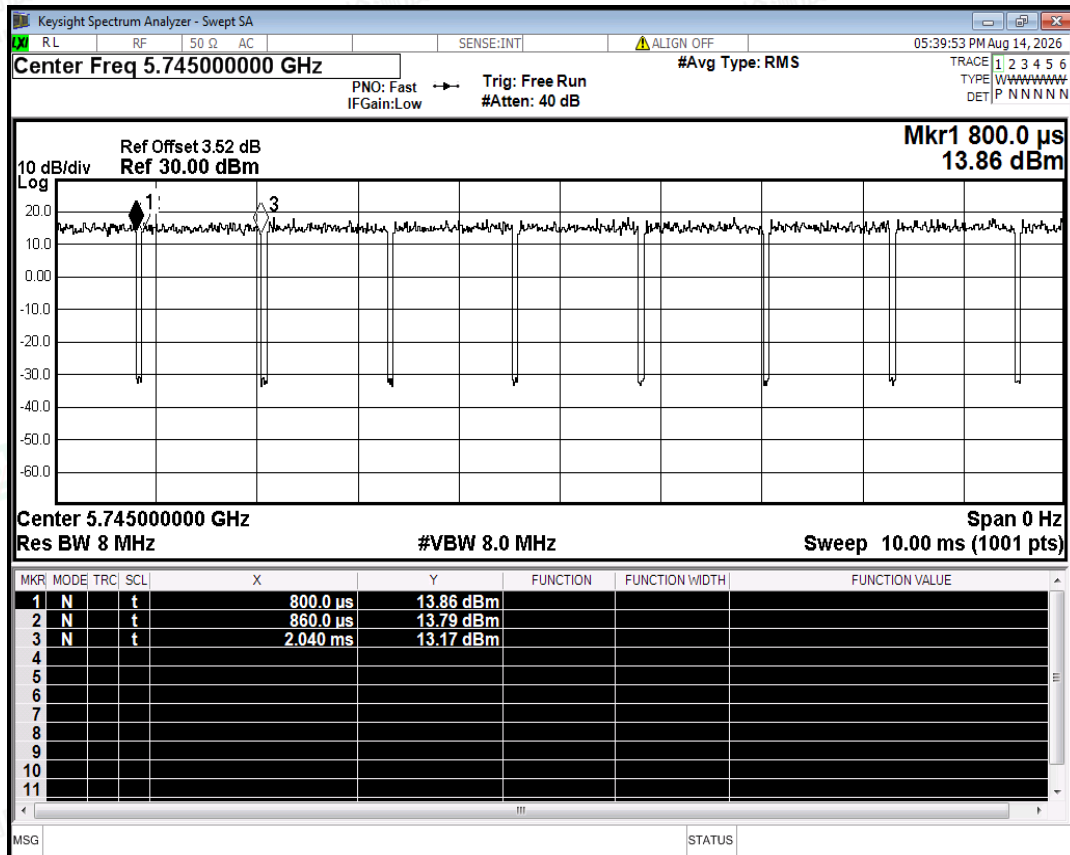
Duty Cycle NVNT a 5745MHz Ant1



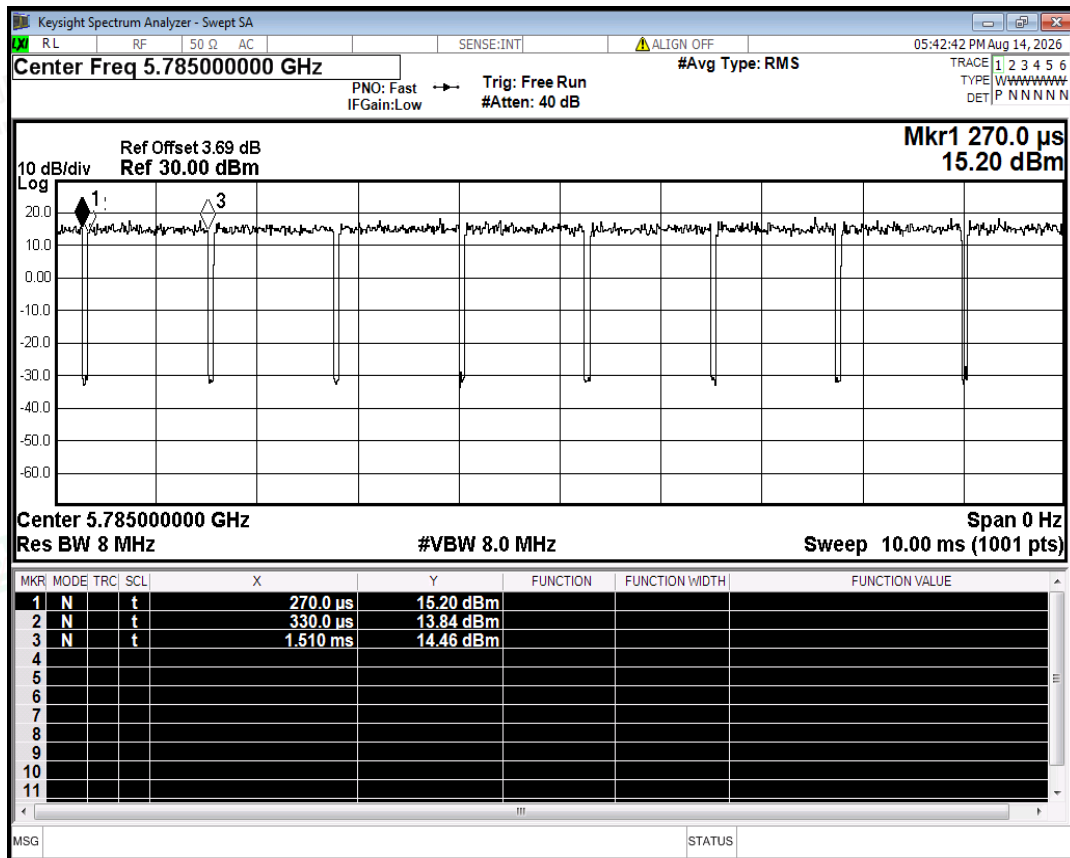
Duty Cycle NVNT a 5785MHz Ant1



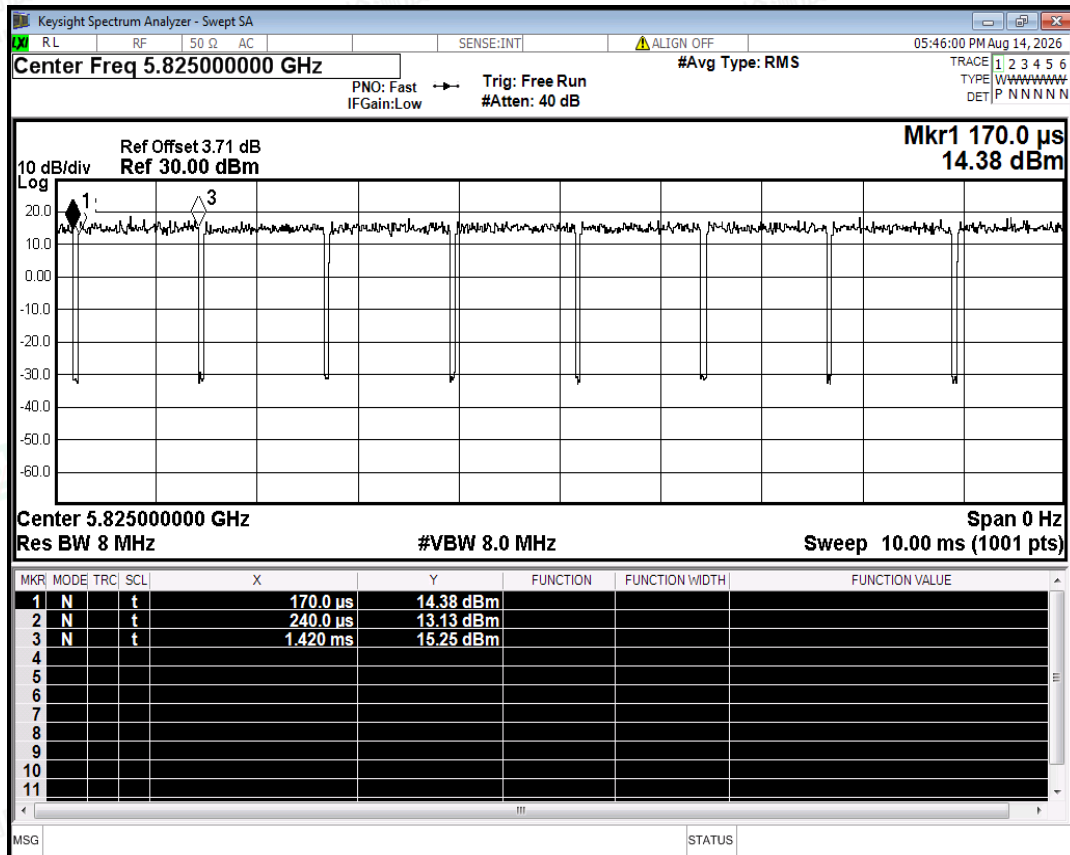
Duty Cycle NVNT a 5825MHz Ant1



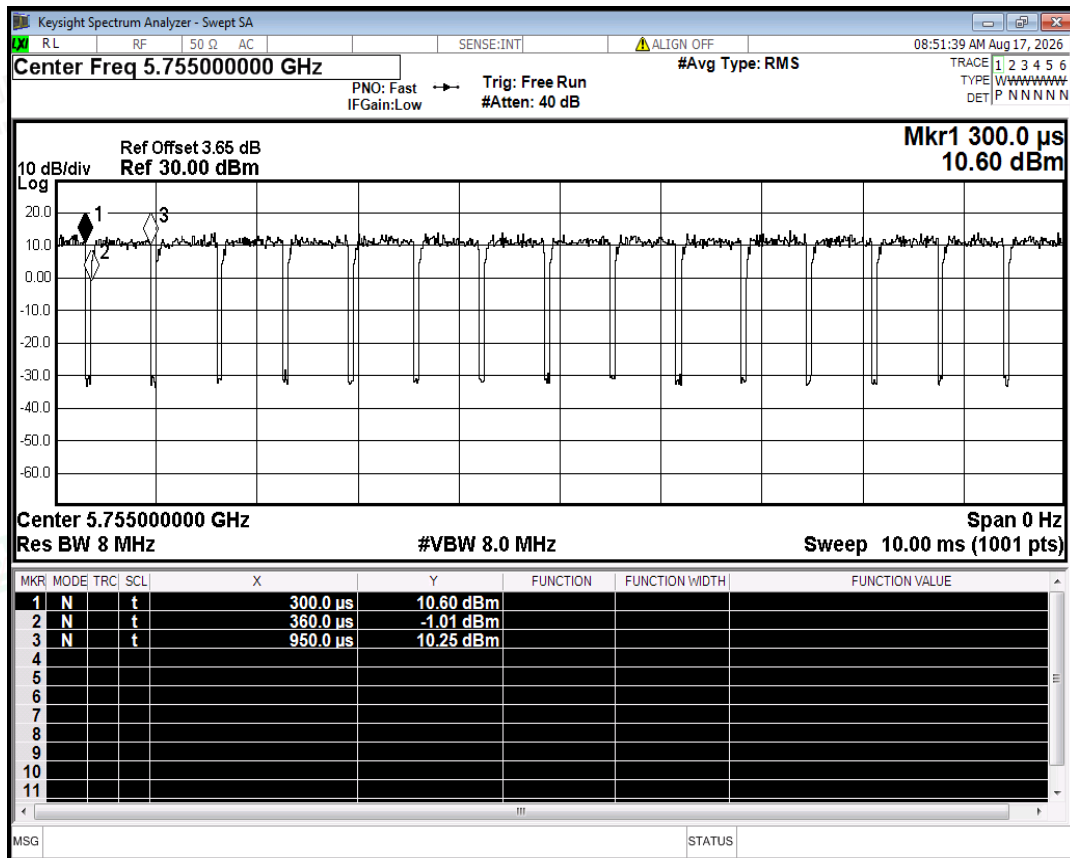
Duty Cycle NVNT n20 5745MHz Ant1



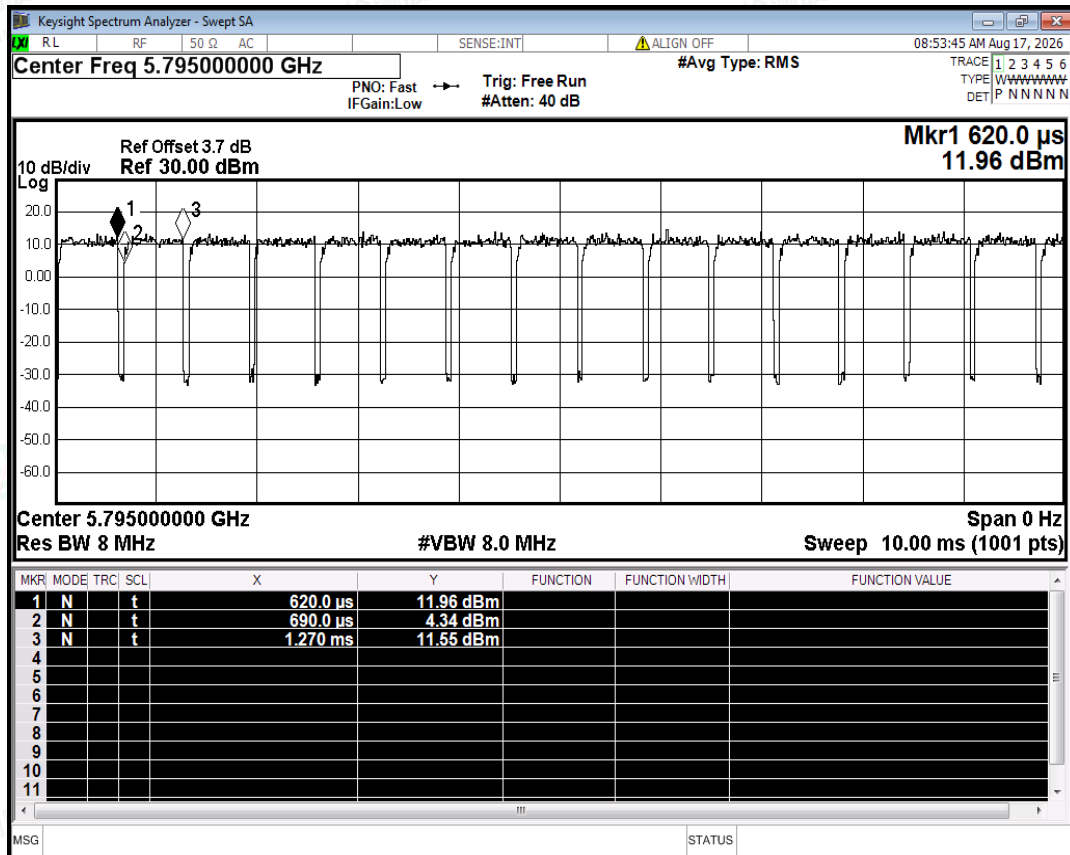
Duty Cycle NVNT n20 5785MHz Ant1



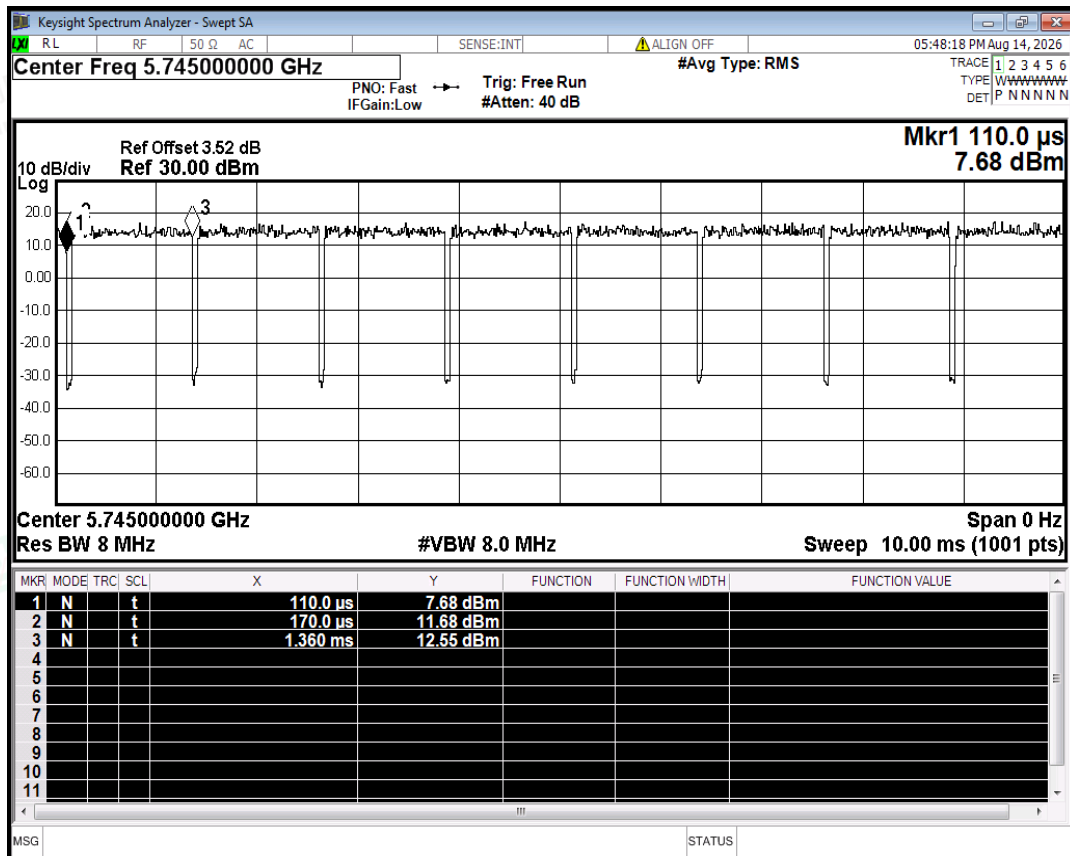
Duty Cycle NVNT n20 5825MHz Ant1



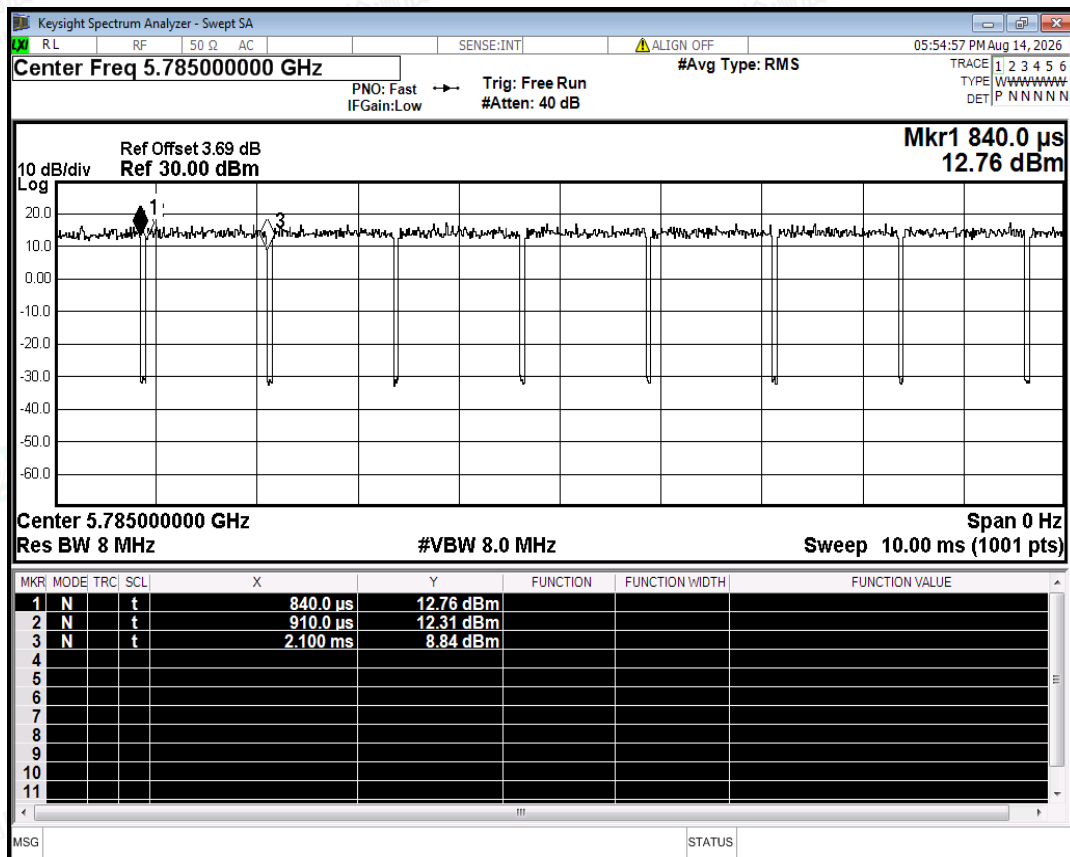
Duty Cycle NVNT n40 5755MHz Ant1



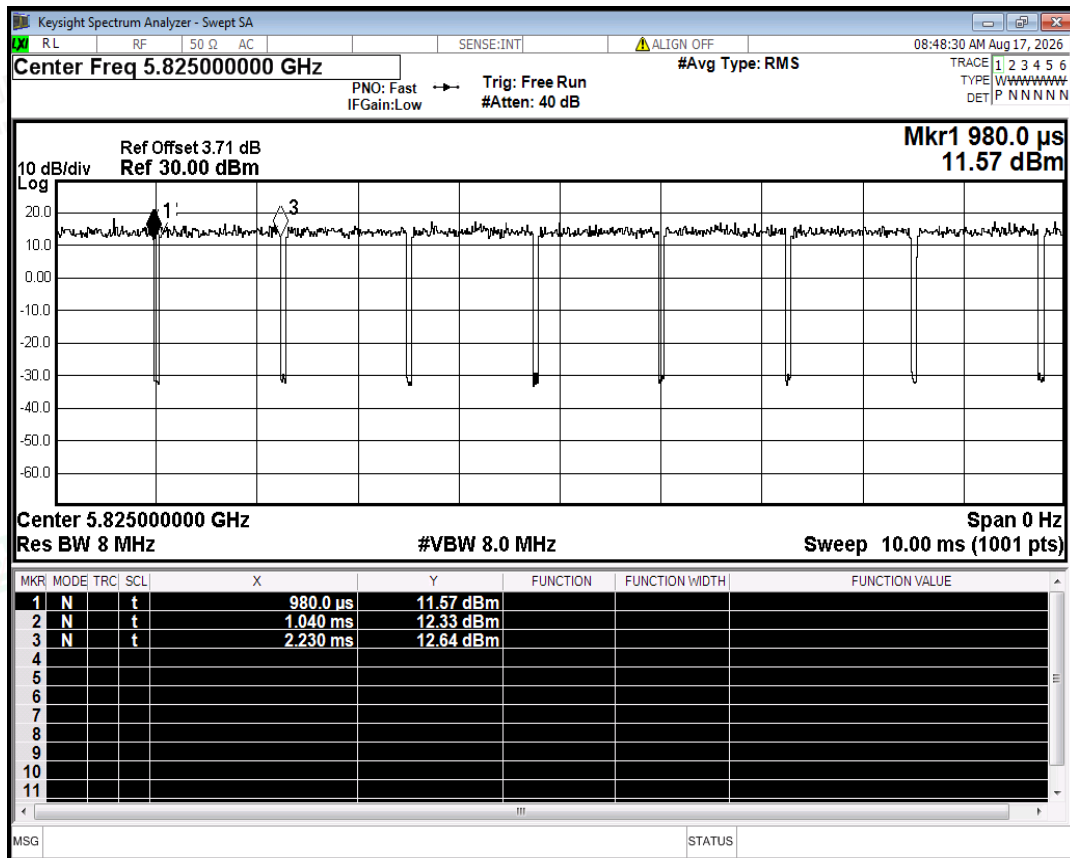
Duty Cycle NVNT n40 5795MHz Ant1



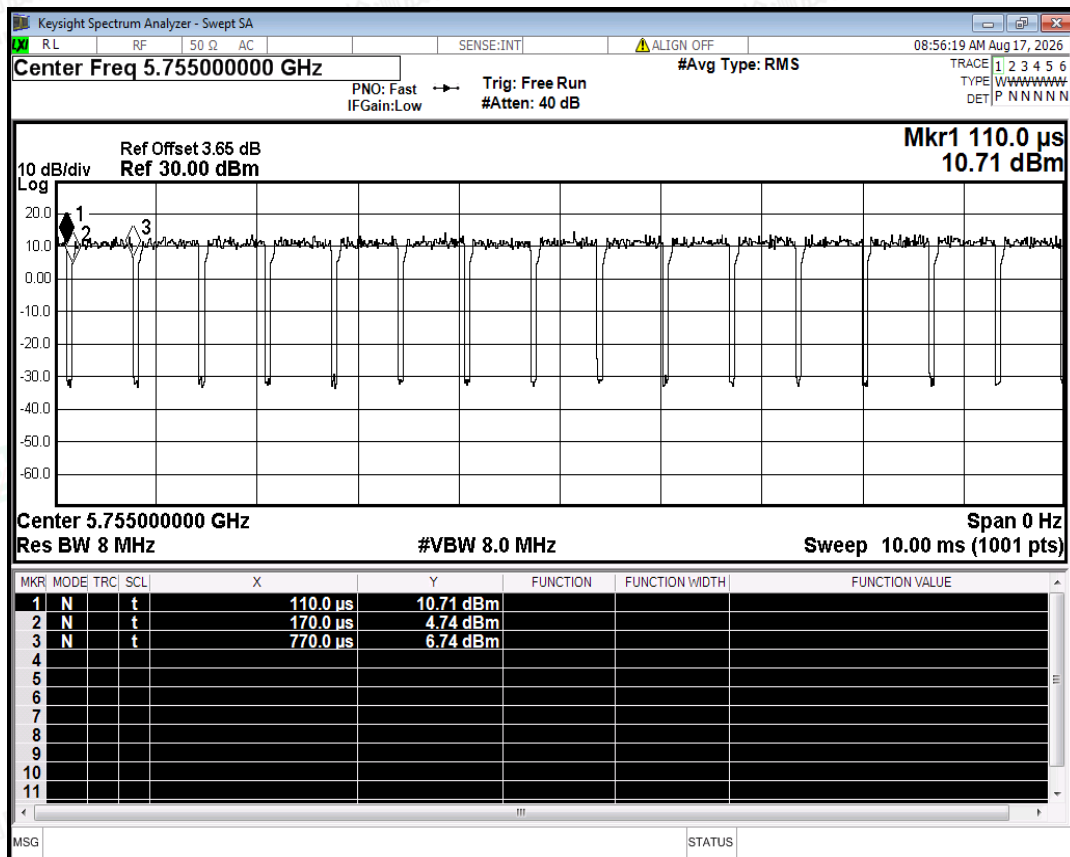
Duty Cycle NVNT ac20 5745MHz Ant1



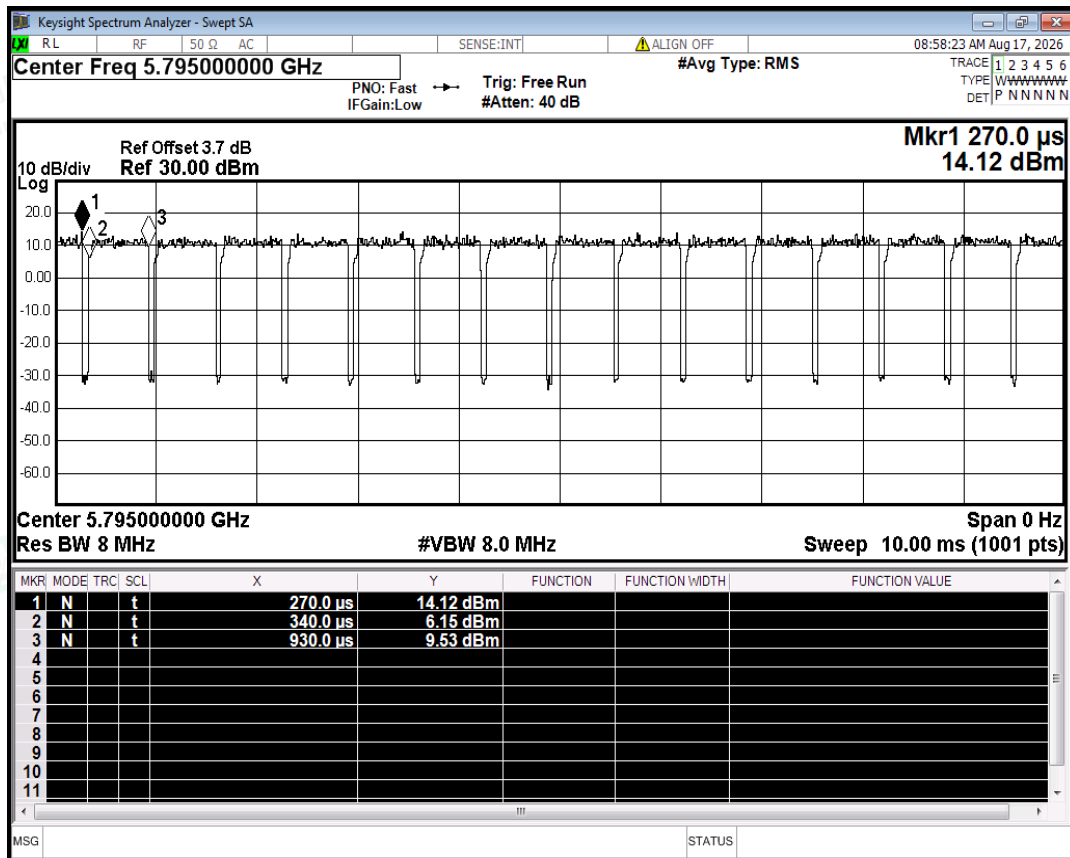
Duty Cycle NVNT ac20 5785MHz Ant1



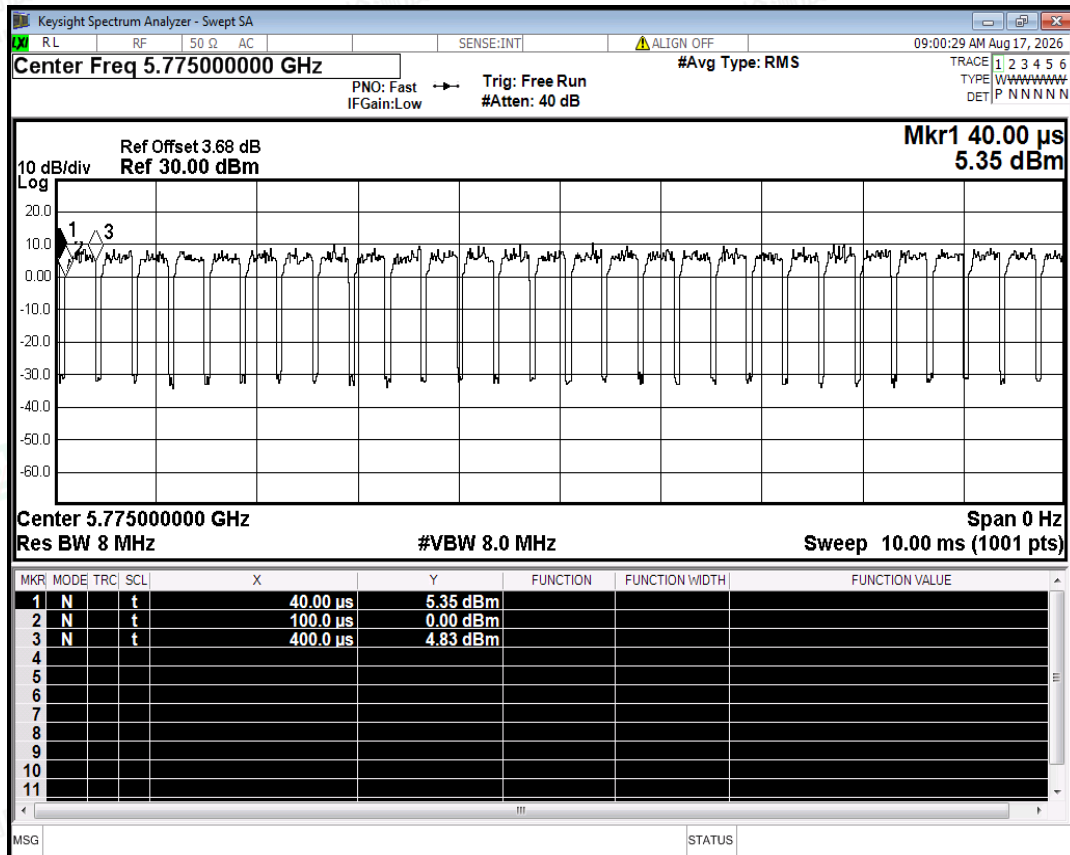
Duty Cycle NVNT ac20 5825MHz Ant1



Duty Cycle NVNT ac40 5755MHz Ant1



Duty Cycle NVNT ac40 5795MHz Ant1



Duty Cycle NVNT ac80 5775MHz Ant1